

A Short Guide

CATALOG
No. 171

TO THE BEST VARIETIES OF
TREES, SHRUBS, EVERGREENS,
FRUITS, PLANTS, VINES, etc.
WITH SPECIAL PRICES FOR
SPRING 1963—Our 86th Year

Photo right: Azalea Minocrimson
introduced by us in 1944.



Photo above: Taxus media Kelseyii—the "Kelsey Berrybush Yew."
Introduced by us in 1936. Now wide-spread in the trade.

PLANT EARLY

early
March
to late
April

TREES	page 15-23
SHRUBS	24-30
ROSES	46
FRUITS	50-55

also deciduous kinds of
HEDGESpage 48
GROUND COVERS 49

PLANT LATER

Mid-April
through
May and
early June

POTTED PLANTS	8-9
EVERGREENS	page 31-37
BROAD-LEAFS	38-45
PERENNIALS	56-61

also evergreen kinds of
HEDGESpage 48
GROUND COVERS 49

Mid-April through May and early June
RECEIVED
FEB 26 1963
U. S. Department of Agriculture

KELSEY NURSERY SERVICE

Office:- Highlands, New Jersey

How you can SAVE money here

Nursery stock, unlike other merchandise, increases in value as it gets older. More precisely, a planting worth \$1000 can be set out two years earlier for \$500, or four years earlier for \$250. Plants just about double in value every two years. Moreover, the labor of planting more than doubles every two years: Three men might take two hours to plant a 20-foot tree; the same tree when 6 feet high can be set out by one man in twenty minutes! Consider the time saved in planting evergreens small enough to be safe without an earth ball! And as for the fun of it, watching young trees grow into specimens is more interesting to most folks than looking at the specimens after they are grown.

In most trees and shrubs there are three sizes: 1. Babies that have to be nursed. 2. Transplanted young plants that need only a year or two of ordinary growth. 3. Landscape sizes, already shaped and filled out. For most gardeners, the second size is the most fun and the most economical.

BASIC PLANT CULTURE

Help in Transplanting

The problem is that the root tips have become torn from their microscopic contact with soil particles, hence careful packing of loose soil and then watering to flush it tightly into place is necessary. Each class of plant has separate preferences, but generally:

Watering—Flushing the soil into place twice a week for the first week or two is desirable, unless a good rain falls. Also, the roots being damaged and at a disadvantage, this extra water enables those roots still working to increase their intake.

Feeding—Most plants in ordinary garden soil need no fertilizers. But some do (roses, etc.) and any plant can be hastened materially in growth by putting reasonable quantities of any fertilizer on the top of the ground in May. On top, so it dissolves and sinks down to roots; scratch it in, to prevent blowing. In May, because later feeding may induce soft sappy growth that does not harden off by autumn (may be damaged the next winter).

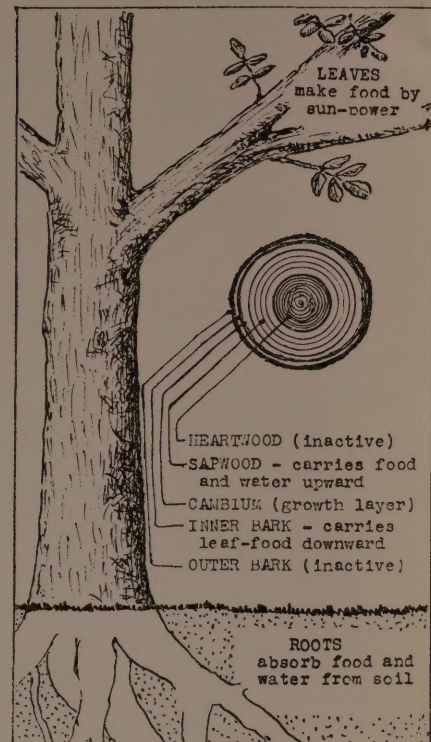
Pruning—Nothing—not fertilizing nor watering, nor anything else—will help a newly planted tree so much as pruning. The root is damaged even with careful digging and planting; the top is not damaged. Therefore the roots no longer “balance” the needs of the stem and branches above ground; cannot produce enough food and water. A newly set tree should be pruned to a single stem. If it seems reluctant to grow in June, prune down even that single stem. It seems you are losing the height paid for, but the root has now more food than the top needs and top therefore grows with great vigor. Often at the end of the first summer a pruned tree is larger than before it was pruned.

Helping a Plant Grow

This is different entirely from helping in transplanting. Less water, more food, less pruning and no protection (if hardy). Most established plants can get along without any assistance at all, but these things hasten and improve growth:

Watering—Only when drought threatens is an established plant in need of water, except for kinds set in insufficiently moist positions, or with insufficient shade. Do not give frequent small waterings—they draw the roots toward the surface which is very bad. Once a week (in drought) water very heavily indeed. Chemicals are thus dissolved as food for the roots, and the stale atmosphere between the earth particles is driven out by the flood. (When it drains away, fresh air is drawn into its place. Since roots need oxygen to breathe, this “pump” effect is very important.)

PRUNING—Every spring some damaged or badly placed branches must be removed from trees and shrubs. Every year or two, old heavy shrub stems should be cut out at the ground to keep the plant young and healthy.



Helping a Plant Flower

The most blooms do not come on the most vigorous plant. Chemistry decides inside the stem which buds are to be leaf buds and which flowers. Too much nitrogen makes all buds leaves. Hence, to encourage blooms, you help the leaves and hinder the roots.

Helping the Leaves—Not much can be done except give the utmost sunlight. Remove shade, transplant plant, or prune out bays so light can enter interior of thick bushy plants.

Hindering Roots—First, stop fertilizing (except phosphorous, as in bone meal). Stop watering, so food still in soil will not be dissolved. If necessary, prune roots with spade or transplant entirely, clipping back roots.

Things to Avoid—Do not prune plant top severely. Do not fertilize heavily, nor water (except in emergency). These things actually delay flowering.

Helping a Plant Fruit

A flower is a fruit in most cases and in most kinds of plants. But two exceptions exist: (1) Inbred named varieties of fruits. These must be cross-pollinated for heavy yield. (2) A few kinds in which male and female flowers are always on different plants (Hollies, Yews and Bittersweet). When available, one male of each can take care of all the females in the garden. The easy way out is to plant a group of mixed-sex seedlings and, after a few years “rogue out” (discard) all but one or two males. It is actually less expensive to plant, say, 10 seedlings than to buy 1 known male.

Why We Can Help You

The biggest thrill in gardening is the unusual—striking, better kinds, colors and perfumes rather than common humdrum varieties. Only in such a catalog as this can you hope to find them. Never buy the wrong thing because a young plant of it looks nice—or is cheap. Plants grow up and when mature they may not be suitable and must be thrown away: Whatever you spent, wasted.

Our plants cost less. Our office and nurseries are NOT located on expensive land alongside highways. Most of our crops are produced in quantity. No one nursery in the United States grows even half of the great variety we here offer. Too many different soils and climates are needed. We ship all over the country. Even after allowing for expressage and postage, the total cost is less than most local nurseries ask for the same thing—if they have it).

How do you know what quality we will send? It is nice to wander in your local nursery and see the plants you are buying—but it does not tell their quality. Quality is in the roots—how frequently they have been transplanted. For this vital information, you have to trust your nurseryman—you can't see it. We feel our 86-year-old reputation justifies your trust.

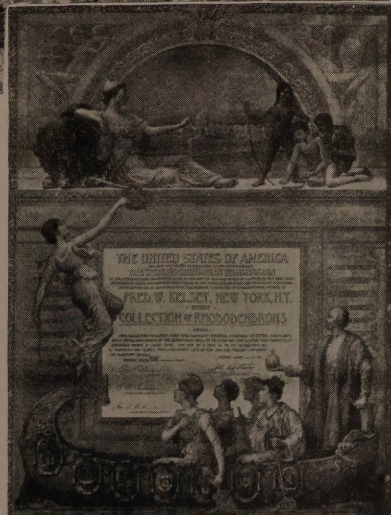
Why can't you see quality? Because how a tree or shrub looks this year is not as important as how it will look five years, ten years from now. When you buy nursery stock you are really buying future hopes.



Award of Merit at Chicago World Exposition 1893.

Also our exhibit that won it.

Rhododendrons have been a specialty with us for many years.



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PRUNING—Every spring soon badly placed branches must be removed from trees and shrubs. Every year heavy shrub stems should be cut to the ground to keep the plant healthy.

A flower is a fruit in many respects exist: (1) Insects pollinated for heavy fruit. flowers are always on the ground. When available, one may plant in garden. The easy way after a few years "rogs" actually less expensive than



ALSO all LARGE TREES can safely be left alone. No cultivation at all.

LABOR-FREE GARDENS need "Lazy-Man's" plants

From the amazing selection of beautiful kinds in the table at the right, select those that will grow readily in your soil and site. Do not attempt to persuade a misfit to survive. Treat large sections of your garden alike—do not attempt to grow acid and lime lovers side by side. Owners of large summer places and camps where regular gardening is impossible will find much help here.

Let Birds Eat Your Insect Pests

TREES and SHRUBS	insect-eaters (●)									
Really Attract Birds with their known FAVORITE FOODS! The birds on the right-hand table PREFER the fruits indicated to your orchard fruits.	● Bluebird	● Flicker	● Kingbird	● Oriole	● Tanager	● Thrush (hermit)	● Thrush (wood)	● Vireo	● Wren	
Amelanchier	×	×	×	×	×	×	×	×	×	×
Ampelopsis (Quin.)	×	×	×	×	×	×	×	×	×	×
Benzoin (Spicebush)	×	×	×	×	×	×	×	×	×	×
Celtis (Hackberry)	×	×	×	×	×	×	×	×	×	×
Cornus (Dogwoods)	×	×	×	×	×	×	×	×	×	×
Crataegus (Varieties)	×	×	×	×	×	×	×	×	×	×
Ilex opaca (Holly)	×	×	×	×	×	×	×	×	×	×
Juniper (Red cedar)	×	×	×	×	×	×	×	×	×	×
Lonicera	×	×	×	×	×	×	×	×	×	×
Myrica (Bayberry)	×	×	×	×	×	×	×	×	×	×
Morus (Mulberry)	×	×	×	×	×	×	×	×	×	×
Nyssa (Tupelo)	×	×	×	×	×	×	×	×	×	×
Prunus (Native Cherry)	×	×	×	×	×	×	×	×	×	×
Rhus (Sumacs)	×	×	×	×	×	×	×	×	×	×
Rosa (wild roses)	×	×	×	×	×	×	×	×	×	×
Sambucus (Elder)	×	×	×	×	×	×	×	×	×	×
Sassafras	×	×	×	×	×	×	×	×	×	×
Sorbus (Mt. Ash)	×	×	×	×	×	×	×	×	×	×

Even Some Fruits are Easy to Grow

Blueberries (page 50). **Nuts**, and **Beach Plum** (p. 54) Require only ordinary garden soil. But it is not realized some fruits are nearly foolproof, needing only aphid control in wet summers.

PEACHES: All are easy except the Hale types. **PEARS**: Duchess d'Angouleme.

APPLES: Nearly all crab-apples are fool-proof.

CHERRIES: Very easily grown and fruited.

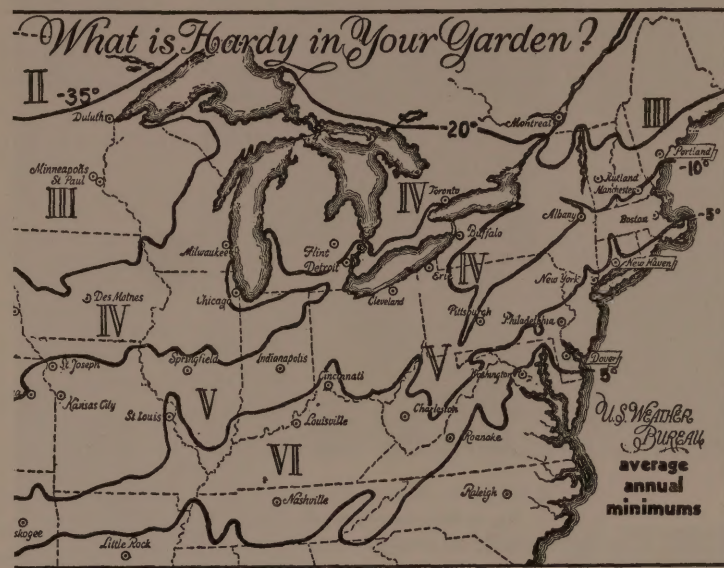
PLUMS: All trifloras, and (European) Damson.

These plants do not seem to derive any advantage from cultivation. They alone make a labor-free garden:

SHRUBS	SOIL		wide (ft.)		high (ft.)		O = Bloom ● = Fruit							EVERGREEN
THAT TAKE CARE OF THEMSELVES	Acid	Barren	Sweet			early	May	June	Summer	Autumn				
ABELIA grandiflora	X	X		5	5									E
AZALEA calendulacaea	X	X		5	8									E
... Kaempferi	X	X		6	8									E
... Ledifolia	X	X		4	4									E
BERBERIS thunbergii	X	X	X	4	4									E
... julianae	X	X		4	6									E
BUXUS (dwarf and bush)	X	X		10	8									E
CALLUNA vulgaris	X	X		2	2									E
CLETHRA alnifolia	X	X		4	7									E
COTONEASTER horizont.	X	X		5	2									E
... microphylla	X	X		3	3									E
CYTISSUS (varieties)	X	X	X	3	5									E
DAPHNE cneorum	X	X		2	1									E
... mezereum	X	X		1 1/2	3									E
DEUTZIA (varieties)	X	X		3	7									E
ERICA carnea	X	X		3	2									E
FORSYTHIA (varieties)	X	X	X	5	1									E
HEDERA helix	X	X	X	Vine										E
ILEX crenata	X	X		6	12									E
... glabra	X	X		6	6									E
... verticillata	X	X		5	10									E
KALMIA latifolia	X	X		5	8									E
LAUROCERASUS Schipka	X	X		6	5									E
LEUCOTHOE catesbaei	X	X		4	4									E
LONICERA (shrub types)	X	X		5	7									E
MAGNOLIA stellata	X	X		8	6									E
MYRICA cerifera	X	X	X	6	6									E
PIERIS floribunda	X	X		4	3									E
... japonica	X	X		3	6									E
PINUS Mugho (dwarf)	X	X		4	2									E
PYRACANTHA Lalandi	X	X		8	15									E
RHODODENDRON carolin.	X	X		5	8									E
... catawbiense	X	X		4	6									E
... Cat. Hybrids	X	X		4	6									E
... maximum	X	X		6	12									E
SYMPHORICARPOS racem.	X	X		4	5									E
STEWARTIA pentagyna	X	X		4	8									E
TAXUS hicksi	X	X		3	9									E
... Kelseyi	X	X		6	8									E
... nana (brevif.)	X	X		10	5									E
VIBURNUM Carlesii	X	X		5	5									E
VINCA minor (myrtle)	X	X	X	Vine										E
WIGELIA (varieties)	X	X		8	6									E
WISTERIA praecox	X	X		Vine										E
SMALL TREES														
CERCIS canadensis	X	X	X	12	35									E
CORNUS florida	X	X		15	25									E
CRATAEGUS oxyantha	X	X		15	20									E
FRANKLINIA alata	X	X		12	30									E
HAMAMELIS mollis	X	X		8	20									E
ILEX opaca (holly)	X	X	X	10	25									E
LABURNUM Vossii	X	X		20	40									E
MAGNOLIA soulangeana	X	X		10	20									E
... glauca	X	X		6	16									E
SORBUS aucuparia	X	X		12	30									E
TAXUS capitata	X	X		15	25									E
PERENNIALS														
ASCLEPIAS tuberosa	X	X	X	3/4	1 1/2									E
ACHILLEA ptarmica	X	X	X	3/4	1									E
ASTER frikartii	X	X	X	1 1/2	2 1/2									E
BAPTISIA australis	X	X		1 1/2	2									E
CAMPANULA medium	X	X		1	2 1/2									E
... rotundifol.	X	X	X	1	3/4									E
CORONILLA cappod.	X	X	X	1	1 1/4									E
COREOPSIS (var.)	X	X	X	1	2									E
CIMIFUGA racemosa	X	X		1	4									E
DICENTRA (varieties)	X	X		1	1 1/4									E
CYPRIPEDIUM (var.)	X	X		1 1/2	1 1/2									E
IRIS versicolor	X	X		1 1/2	1 1/2									E
... pseudacorus	X	X		1	2									E
HEMEROCALLIS (var.)	X	X	X	1	2									E
LIATRIS scariosa	X	X	X	1	5									E
LILIUM (most vars.)	X	X		3/4	2									E
LOBELIA cardinalis	X	X		1 1/4	2 1/2									E
LYTHRUM virgatum	X	X		1 1/2	2 1/2									E
MERTENSIA virginica	X	X		1	1									E
MYOSOTIS semper.	X	X		3/4	1									E
NEPETA mussini	X	X		3/4	1 1/2									E
PEONIES (most)	X	X		1 1/2	2									E
PENSTEMON barbatus	X	X		3/4	2 1/2									E
PHLOX subulata	X	X	X	3/4	1 1/2									E
... divaricata	X	X		3/4	1									E
THALICTRUM (var.)	X	X		1	3									E
THERMOPSIS carol.	X	X		3/4	3									E
THYMUS serpyllum	X	X	X	1 1/2	1 1/2									E
TRADESCANTIA (var.)	X	X		3/4	1									E
TRILLIUM (all)	X	X		1 1/2	1									E

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Plants for Problem Gardens

Do you have a **problem spot** in your garden—deep shade, wet soil, dry or sandy soil? Or is yours a **seashore** garden? There **ARE** plants which actually thrive in such problem spots and will do well in them.

Plants That Stand Ocean Spray

SHRUBS

Cytisus scoparius
Eleagnus angustifolia
Hippophae rhamnoides
Hydrangea (Various kinds)
Ligustrum ovalifolium
Myrica carolinensis
Prunus maritima
Salix pentandra
Tamarix (Various kinds)

TREES

Acer rubrum
Betula papyrifera
Crataegus oxycantha
Gleditsia triacanthos
Malus (Most Crab-apples)
Platanus occidentalis
Quercus rubra

These Succeed in Dense Shade

SHRUBS

Benzoin aestivale
Calluna vulgaris
Hamamelis virginiana
Ilex glabra
Kalmia latifolia
Leucothoe catesbaei
Mahonia aquifolium
Myrica carolinensis
Pieris floribunda
Pieris japonica
Rhododendron catawbiense

Rhododendron maximum
Symphoricarpos racemosus
Symphoricarpos vulgaris

EVERGREENS

Ilex opaca
Taxus (Most kinds)
Tsuga canadensis

These Thrive in Wet Locations

SHRUBS

Calluna vulgaris
Chionanthus virginica
Clethra alnifolia
Enkianthus campanulatus
Erica carnea
Ilex verticillata
Kalmia latifolia
Leucothoe catesbaei
Pieris floribunda
Pieris japonica
Rhododendron maximum
Sambucus canadensis
Vaccinium (Blueberry)

Viburnum opulus
Viburnum trilobum

TREES

Abies balsamea
Acer rubrum
Franklinia alatamaha
Ilex opaca
Magnolia glauca
Populus (Most kinds)
Quercus palustris
Taxodium distichum
Thuja occidentalis
Tilia americana
Ulmus americanum

Good for Extra-Dry Soils

SHRUBS

Arctostaphylos uva-ursi
Comptonia asplenifolia
Cytisus scoparius
Juniperus horizontalis
Myrica carolinensis
Prunus maritima
Rhus canadensis
Rosa rugosa

TREES

Cedrus deodara
Cornus florida
Juniperus virginiana
Malus baccata
Pinus sylvestris
Quercus rubra
Robinia pseudacacia

BASIC REQUIREMENTS OF *Plant Life*

IN THIS SHORT GUIDE it is taken for granted that most trees and shrubs require normal food, air and water. Thus a plant needing more air than usual at its roots is marked "loose soil" or "drain." Plants very easy to grow are referred to as "tolerant," or may have no notes whatsoever.

Light—"Sun", "Shade".

Light makes the chlorophyl factory turn its wheels. All plants need some. Those that get along best on little light are marked "shade" in this Guide. Those that need a great deal are marked "sun."—Normal plants are not marked, and need about 1/2 day's sun.

Air—"loose," "heavy," "drain".

Roots get oxygen from air that filters into the earth. Some plants need more than others; these must have loose soil and will suffocate in heavy damp clays. Such plants are marked "drain". Others like clay and are marked "heavy soil".

Water—"Damp", "dry".

Roots can only use chemicals that are dissolved in water. Also, water is the means of transportation up the stem. Some plants need more than others and die in severe drought. In the descriptions such are marked "damp." A loose soil quickly dries, a heavy soil keeps damp. Thus water and air for the roots are both present in a mixed soil (except in drought when all soils must be watered).

Food—"humus", "rich", "barren".

Ordinary soil has plenty of food for ordinary plants. Do not use fertilizers except for gross feeders (roses and peonies). (Or if your soil is not good). Plants that need manure are marked "rich", those that thrive in poor soil are marked "barren", etc. Ordinary plants not marked.

NAMES: Everything in this catalog is listed under botanical names, because we think you and other good gardeners would like to know what they are. However, all the common names are in the index on page 62.

THE HOW AND WHY OF BETTER GARDENING

by Laurence Manning

Thousands of gardeners have found this basic book of "more real help than a shelf of cyclopedias." "Very helpful," "exciting as a novel," "certainly no other book exists like it," "unlocks the doors and makes everything simple and understandable." If you have been confused by the complex rules and instructions in ordinary garden books, you will find here quick, sure enlightenment. Yet expert gardeners, even more than beginners, are writing about this book's surprising usefulness. Don't deny yourself this small purchase— **\$4.30** "pays for itself ten times over." postpaid



CLIMATE MAP The numbers I to VII in the map refer to Zone numbers printed after each plant name throughout this Guide. It shows the northern limit beyond which any given plant cannot grow. This is not a perfect rule. Two modifications might be mentioned. East of Indianapolis, a damper climate makes all evergreens hardier. West of Indianapolis hot western summers make deciduous trees hardier than rated in the Guide. If the Zone is in brackets (IV), plant needs protected site to be hardy there.

How To Order Safely

The greatest danger is choosing a poor variety. Be "fussy" about your selections, and you won't be disappointed a few years later. Read catalog descriptions carefully—we try to be frank.

Contact your express agent—he's human, will cooperate in letting you know promptly when trees or plants arrive. Don't let a shipment lie in the express.

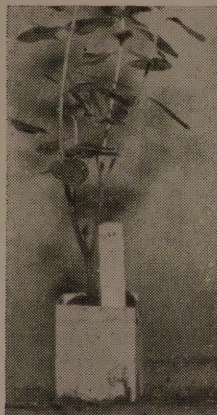
Plant as soon as you can—but if you must wait a few days, don't worry. They are well enough packed to stand it if you: Soak the bundle well, keep it from (1) heat or frost, (2) drying wind. Better yet, have a small shady garden area of loose, light soil where you can heel in bundles—cover roots and parts of tops with earth, well watered down. This can be done in minutes, and such plants can wait weeks for final planting in right places.

We guarantee the arrival of healthy, satisfactory plants. If you have losses even with these, we insure you against the loss. (See terms, page 63).

ORDER NOW—We ship at proper time later.



Photo: Azalea
Delaware Valley White



Photos of 2-inch
banded plants as they
arrive.



Photo above: Hybrid
Rhododendrons. Showing box
and plants. Water
well and protect
from wind.



**ONLY
BOXES
OF 12
SOLD**

BANDED PLANTS

Postpaid price:
12 one kind \$6.50
(6 each, 2 kinds \$7.)

CULTURE: Treat
like once trans-
planted. Shade is
essential; use plenty
of peat moss in soil.

DO NOT plant out
in the garden for
the first year or
two, but in beds,
shaded, with peaty
soil, NO fertilizer.

Safe and Easy

Plants arrive actually growing in 2-inch wooden bands (clip off when you plant). They don't know they've been transplanted! We cannot ship until late May, so **ORDER NOW**. (Postpaid).

AZALEA Mary F. Hawkins—bright pink.
Amoena coccinea—Red. Zone IV.
Betty—Rosy-pink, tall. Zone IV.
Cameo—Double pink. Zone V.
Corsage—single orchid. Zone V.
Delaware Valley White—Zone V.
Fedora—Tall salmon. Zone IV.
Flame—huge single red, dwarf.
Hinoecrimson—Red, May, dwarf.
Othello—Tall, brick-red. Zone IV.
Purple Splendor—purple, double.
Rosebud—dwarf double pink.
Rose Greeley—Low, white. Zone V.
Stewartonian—grand new red.

AZALEA, 3 Good Deciduous Kinds:

Poukhanensis—Zone IV. Purple, May.
Exbury Hybrids. Mixed Colors.

ABELIA grandiflora—White, summer.

BERBERIS JULIANA—6 foot bush.

BUXUS suffruticosa—dwarf Boxwood.

CHAMAECYPARIS obtusa cripplsi.

COTONEASTER buxifolia—spreading.
—horizontalis,—Low, spreading.

ERICA darleyensis—pink bells, March.

ILEX CORNUTA Burfordi—Chinese.

ILEX CREN. convexa—dwarf.
Crenata Stokes Dwarf—compact.

ILEX OPACA—female, berried American Holly.
(Also males)
pernyi—dwarf holly, red berries.

JUNIPER pfitzer—6 ft. spreading, popular.
glauca Hetzi—similar, more vigorous.

Andorra—purple in winter, prostrate.

Waukegan—Fine blue-green dwarf.

LAUROCERASUS schipkaensis—
Hardy English Laurel. Zone V.

PYRACANTHA Lalandi (Firethorn)—orange.

RHODODENDRON

Carolina—Pink, May. Zone V.

Fortunei—Pink, June. Zone VI.

HARDY HYBRID SEEDLINGS—mixed
colors only. (Also 3-inch bands, 6 for \$6.50).

Smirnowi, Pink, June. Zone V.

TAXUS Cuspidata (Spreading Yew)—

Baccata repandens—Dwarf yew.

Capitata (Upright Yew)—tall pyramid.

nana ("Brevifolia")—dwarf yew.

Hicksi—fat, upright column to 6 feet.

Hatfield—Extra hardy, like Hicks.

Vermeulen—Dwarf pyramid.

VIBURNUM Carlesii (May-Flowering)

Burkwoodi—white, May. Showy.

chenaulti—New dwarf Burkwood.

Juddi—An improved Carlesii

rhytidophylloides—Better leaf. New form of
"Leather-leaf" Viburnum.

and PLANTS in 3-inch PEAT-POTS for

Just plant pot and all—no shock, no losses. The pot dissolves to make good soil for growing in. We can ship through May and June safely. Nice thrifty plants. (For descriptions, see other pages of this catalog.) Any 6 assorted \$10.50 postpaid (6 one kind \$9.50.)

— (Be sure to order in units of exactly 6) —

See pages
12 and 13

ACER palm. Atropurpureum. Red-leaf Japan maple.

AZALEA Calendulacea. Flame.

—**Kaempferi.** Red-orange, May.

—**Mucronulatum.** Purple, April.

—**Knaphill Hybrids.** Mixed colors.

—**Exbury Hybrids.** Mixed colors.

—**Mollis.** Yellow to red, May.

—**Hinocrimson.** Dwarf red.

—**Delaware Valley.** White.

—**Lorna.** Dark Salmon.

—**Palestrina.** White. Zone V.

—**Purple Splendor.** Very fine.

COTONEASTER horizontalis.

FRANKLINIA alatamaha. (pg. 19).

ILEX convexa. Dwarf Japan Holly.

—**Opaca.** (female) Amer. Holly.

—**Opaca.** (male) American Holly.

—**Burfordi.** Showy Chinese Holly.

LAUROCERASUS Schipkaensis.
English Laurel. Zone V.

MAGNOLIA soulangeana. Rose,
May. The "Saucer Magnolia."

—**Soul. Nigra.** Late, dark red.

—**Rustica. rubra.** Bright red.

—**Stellata.** White, April, dwarf.

—**Stell. Waterlily.** Blush, double.



3-inch Peat-pots ready to ship

PIERIS japonica. Andromeda.

—**floribunda.** Native. Zone V.

PINUS

—**Cembroides edulis** (Pinyon Pine)

—**Griffithi** (Himalayan Pine)

PRUNUS Kwanzan. Double-pink
Japan Cherry. Showiest.

TAXUS (Yew)—**Capitata,** kel-
seyi, **Hatfield,** **vermeulen,** **Pilaris,**
Sentinalis, **pyramidalis.**

Young Bushy Specimens

Here are larger plants in 5-inch plastic pots (1 quart). Shipped 4 to a carton—4 for \$19.00 postpaid. For quick results, (1 year older than 3-inch pots).

ACER palm atropurpureum

BUXUS microphylla Koreana

CORNUS florida rubra

ILEX aquifolium male

—**aquifolium female**

—**crenata convexa**

—**crenata rotundifolia**

—**opaca male**

—**opaca pyramidalis (female)**

KALMIA latifolia

LEUCOTHOE catesbaei

MAGNOLIA conspicua (denudata)

—**soulangeana**

—**soul. rustica rubra**

—**stellata**

—**stellata "waterlily"**

PIERIS floribunda

—**japonica**

VIBURNUM rhytidophyllum

RHODODENDRON

—**carolinum.** Pink, May, Zone V.

—**carolinum alba.** (white).

—**Discolor.** Rose, May, Zone VI.

—**decorum.** Pink, June, Zone V.
Very shapely growth.

—**Catawbiense seedlings.** Mixed colors.

—**fortunei Hybrids.** Mixed colors.

VIBURNUM

—**Charlesii.** May-flower Viburnum.

—**rhytidophyllum.** Evergreen leaf.

RARE GRAFTS (1-year) in 3-inch pots—6 for \$26.00.

Grafts can be included in a box of other 3-inch pots above for \$10.50, plus EXTRA charge of \$2.75 per graft.

ACER dissectum.
—**diss. atropurpureum.**

FAGUS sylvatica Ri-
versi.

CEDRUS libani (Hardy)

PICEA nidiformis.

—**gregoriana**

CORNUS flor. Welchii.
—**kousa chinensis.**

—**Remonti**

CRYPTOMERIA lobbi
compacta.

PINUS strobus nana.
—**sylvestris Watereri.**
—**parviflora glauca.**

Photo: Magnolia Waterlily. First introduced by this company to the gardeners of America. Now famous.



4 Grades of Evergreens

Know What You Buy: A 12 inch plant may be seedling (S) or transplant (X) two years older. Or XX, still older and bushier; or even (still 12 inch) B&B shaped landscape grade. There is a great difference in value.



S—Seedlings. (Cheapest.)

X—Transplants. (Bushier.)
In beds, shade first summer. Space 5 to 6 inches apart. (Keep package moist, remove only one plant at a time to set out.

DELIVERY COSTS. Prices include packing on small, bare-root sizes. Express runs 10 to 15% extra, (B&B evergreens go express, estimate on request).

PINUS (Pine) (25) (100) (1000)
mughus (Mugho Pine).

4 to 6 in. X.. 7.00 25.00 195.00
6 to 8 in. X..10.00 30.00 250.00

nigra (Austrian Pine).

6 to 9 in. S.....300 for 65.00
4 to 6 in. X.. 6.00 18.00 160.00
9 to 12 in. X 8.50 30.00

sylvestris (Scotch Pine).

5 to 10 in. S 8.50 70.00
6 to 9 in. X.... 5.50 18.00 150.00
12 to 18 in.X 10.00 35.00 280.00

ABIES (Fir) (25) (100) (1000)
Balsamea (Balsam Fir). For wet land. Best Christmas tree.

4 to 6 in. X.. 8.50 25.00 190.00

PICEA

glauca alba (White Spruce).

6 to 8 in. S.. 10.00 75.00
9 to 12 in. X.. 7.00 20.00 175.00

glauca densata (Black Hills).

4 to 6 in. S.... 12.00 90.00
6 to 9 in. X... 8.00 25.00 195.00
9 to 12 in. X 12.00 35.00 270.00

excelsa (Norway Spruce).

6 to 8 in. S..... 9.00 70.00
6 to 9 in. X.... 6.50 20.00 150.00
12 to 15 in.X 12.00 40.00 300.00

pungens (Colorado Spruce), color from blue to green.

6 to 9 in. X.... 9.00 28.00 175.00
9 to 12 in. X..15.00 45.00 330.00

TAXUS (Yew) (also page 48)

Capitata (Upright Yew)

6 to 10 in. S 8.00 25.00 175.00
6 to 10 in. X 12.00 40.00 250.00
8 to 12 in. X 20.00 60.00 375.00

TSUGA (Hemlock). (also pg. 48)

canadensis (Northern Hemlock).
4 to 7 in. X.... 7.50 25.00 150.00

ABIES

—Balsam FirXX 12 to 15 inch 15.00 35.00 95.00

JUNIPER (Andorra) XX 12 to 15 inch 16.50 35.00 125.00

—Pfitzer JuniperXX 12 to 15 inch 20.00 40.00 130.00

—Hetz JuniperXX 9 to 12 inch 15.00 35.00 125.00

—Sabina (vase-shaped) XX 9 to 12 inch 17.50 30.00 110.00

PICEA (Black Hills) XX 9 to 12 inch 13.50 28.00 95.00

—Excelsa (Norway)XX 12 to 15 inch 12.00 25.00 95.00

—glauca (White Spruce)....12 to 15 inch 13.00 30.00 95.00

—pungens (Colorado) XX 12 to 15 inch 19.00 40.00 125.00

PINUS (Mugho)XX 9 to 12 inch 13.00 30.00 95.00

—Austrian PineXX 9 to 12 inch 12.00 25.00 75.00

—thunbergi (Jap Black) XX 10 to 15 in. 22.00 45.00 175.00

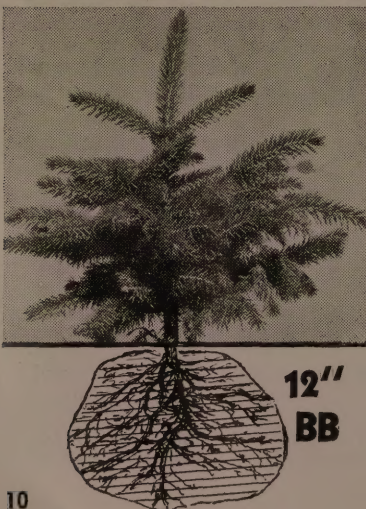
—Norway (Red) Pine XX 12 to 18 inch 13.50 28.00 95.00

THUJA occidentalisXX 12 to 15 inch 15.00 30.00 85.00

—Pyramidal Arborvitae XX 12 to 15 in. 18.00 40.00 120.00



12" XX



12"
BB

B B—BALLED EVERGREENS 12-INCH

Here are bushy 12 to 15 inch specimens, sure to please. An unusual bargain, made possible by new growing and packing inventions.

Trees come in special box, not less than 2 sold. New special planting-medium grows plants well, but weighs only a pound or two, in special fabric pots. Wonderful new method—A REAL BARGAIN!

any 10 \$28.00 any 100 \$270.00

Pfitzer Juniper—6 ft. bushy dwarf.

Mugho Pine—3 ft. compact, dwarf.

Austrian Pine—Shapeliest pine.

Black-Hills Spruce—tall, pyramidal.

Colorado Blue Spruce—good color.

Pyramidal Arborvitae—Narrow, showy.

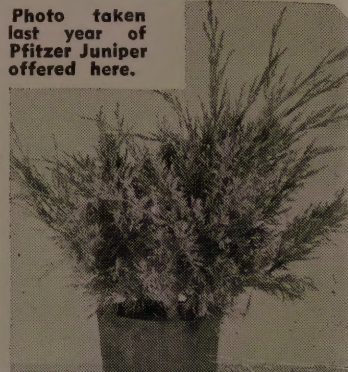
Spreading Yew—low, broad bush.

Hicks Yew—6 ft. upright, dense.

{ postpaid
any 2 for
\$5.95 }

Less than
\$3.00 each.
Nothing else
to pay!

Photo taken
last year of
Pfitzer Juniper
offered here.





See what you buy?

If you went through our nurseries and took notes, would they be any better than the notes in this catalog? We say exactly the grade and quality at each price.

REES *at Special* QUANTITY PRICES

apidly. Soak well after planting, and prune back. To keep a out all side twigs, and later again cut away all but one single h as priced below.)

quick results yet not expensive as full specimens. We offer trees between 4 and 8 feet high. Yet you save 2 to 4 years s at little extra cost.

NURSERY STOCK GRADES

* Indicates a small plant not yet shapely. (No mark at all indicates fairly shapely landscape grade.)

S Seedlings not yet transplanted. Plant 3 in. apart in shaded beds, for evergreen kinds. Deciduous trees and shrubs need less care, but should be cut back upon planting.

X Transplants. Bushier roots and tops. Space 5 or 6 inches apart in beds for evergreens, and shade the first summer. (Be careful to keep package moist, remove only one plant at a time to set in ground, otherwise roots dry out.) Deciduous trees and shrubs need no special care.

XX Twice transplanted stock. Much bushier in roots and tops. In deciduous trees and shrubs, "XX" grades are specimens. In evergreens, which grow much more slowly, space 8 to 10 inches apart, at least, and no shade is needed. These are the largest evergreens that can be shipped with little expense, perhaps 10 to 15% for express.

BB Balled and burlapped landscape specimens. Usually only evergreens are balled. (Deciduous shrubs and trees are handled bare root in specimen sizes.) B&B stock costs are high for express—50% of cost.

POT Any of the above can be grown in pots, and thus handled almost any time of year. Just dig a hole to fit, press earth around on all sides, soak. Space twice the size of the pot at least (2 inch pots space 4 inches, etc.) Very small pots need shade first year, larger sizes do not. Much safer than bare root stock, but costlier for express. Perhaps 25%.



QUICK

TREE GROWTH

Among "slow" trees known to have reached 30 feet or more in their first 15 years of life are Red Oak, Pin Oak, most Maples, Liriodendron, several Birches, Black Locust, Linden, and Sycamore.

TS (0)	12-18" Seedlings		TRANSPLANTS		12-18" Seedlings	
	(25)	(100)	(10)	(100)	(25)	(100)
.....	5.00	\$15.00	PLATANUS occidentalis....		2.50	\$ 6.00
1.00			(American Sycamore)			
1.00			5 to 6 ft.	18.00 \$150.00		
.....	4.00	12.50	6 to 8 ft.	22.50 175.00		
1.00			8 to 10 ft.	30.00 250.00		
.....	9.00	32.00	POPLAR, Lombardy.....		3.00	9.00
1.00			5 to 6 ft.	8.50 65.00		
.....	8.00	24.00	Bolleana (neater).....			
1.00			5 to 6 ft.	25.00 190.00		
.....	7.00	22.00	QUERCUS (Oak)			
1.00			alba (White Oak)		6.50	20.00
.....	7.00	22.00	3 to 4 ft.	12.50 95.00		
1.00			Coccinea (Scarlet Oak)....		8.50	25.00
.....	7.00	22.00	4 to 5 ft.	35.00 300.00		
1.00			Palustris (Pin Oak).....		6.50	20.00
.....	4.00	9.50	4 to 5 ft.	35.00 300.00		
5.00			Borealis (Red Oak)		8.00	25.00
.....	6.00	19.00	4 to 5 ft.	35.00 300.00		
0.00			SALIX (Willow)			
.....	4.00	10.00	Babylonica (Weeping).....		3.00	10.00
0.00			4 to 5 ft.	15.00 120.00		
sh	2.50	7.00	Wisconsin (Weeping)		7.00	20.00
0.00			4 to 5 ft.	15.00 120.00		
.....	20.00	60.00	Golden Weeping (Niobe)		7.00	20.00
0.00			4 to 5 ft.	15.00 120.00		
st	5.00	15.00	SORBUS (Mountain Ash)		9.50	30.00
0.00			4 to 5 ft.	25.00 195.00		
lip	4.50	14.00	TILIA (American Linden)		10.00	28.00
0.00			4 to 5 ft.	20.00 145.00		
.....	3.00	8.00	ULMUS (American Elm)		2.50	6.00
ry			5 to 6 ft.	20.00 160.00		
5.00			pumila (Siberian).....		2.50	6.00
			4 to 5 ft.	12.00 85.00		

4 Grades of Evergreens

Home Nursery



12" S

S—Seedlings. (Cheapest.)
X—Transplants. (Bushier.)
 In beds, shade first summer. Space 5 to 6 inches apart. (Keep package moist, remove only one plant at a time to set out.

DELIVERY COSTS. Prices include packing on small, bare-root sizes. Express runs 10 to 15% extra, (B&B evergreens go express, estimate on request).

XX

Twice transplanted stock. Much bushier tops. In deciduous trees and shrubs, specimens. In evergreens, which grow slowly, space 8 to 10 inches apart, shade is needed. These evergreens with little expense, perhaps 10 to

ABIES

—Balsam FirXX 12 to 15 inch 15

JUNIPER (Andorra) XX 12 to 15 inch 16

—Pfitzer JuniperXX 12 to 15 inch 20

—Hetz JuniperXX 9 to 12 inch 15

—Sabina (vase-shaped) XX 9 to 12 inch 17

PICEA (Black Hills) XX 9 to 12 inch 13

—Excelsa (Norway)XX 12 to 15 inch 12

—glauca (White Spruce)....12 to 15 inch 13

—pungens (Colorado) XX 12 to 15 inch 19

PINUS (Mugho)XX 9 to 12 inch 13

—Austrian PineXX 9 to 12 inch 12

—thunbergi (Jap Black) XX 10 to 15 in. 22

—Norway (Red) Pine XX 12 to 18 inch 13

THUJA occidentalisXX 12 to 15 inch 16

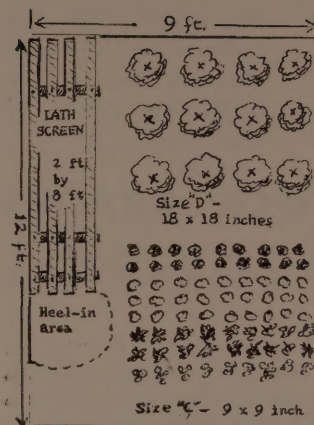
—Pyramidal Arborvitae XX 12 to 15 in. 18

BB—BALLED EVERGREENS

Here are bushy 12 to 15 inch to please. An unusual bargain by new growing and packing

any 10

Pfitzer Juniper—6 ft. bushy
 Mugho Pine—3 ft. compact,
 Austrian Pine—Shapeliest pine
 Black-Hills Spruce—tall, pyramidal
 Colorado Blue Spruce—good
 Pyramidal Arborvitae—Narrow
 Spreading Yew—low, broad
 Hicks Yew—6 ft. upright, deciduous



LAYOUT PLAN

The plan shows a corner of a lot using a 9 by 12 foot area for a nursery — no more space than used by a small specimen tree. Shrubby masks the area. Exposure is planned as if north were at the top—but any exposure would do.

Heel-in Area. Even a tiny spot kept free for this purpose, enables one to temporarily plant a shipment of plants the day received. They can safely remain for weeks if need be before permanent planting. Water well.

Soil Preparation. The lath-house soil should be sandy loam with an original dressing of 3 inches of manure worked on to a spade depth. The nursery itself can be heavier soil, but requires manure as well. Avoid lime.



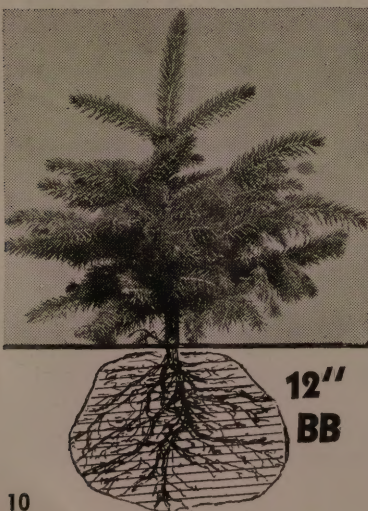
LATH SCREEN

is important for young plants the first summer. Simply built of ordinary lath and a few nails. Screen is rested on the posts.

Wise old gardeners, you will notice, always have a few rows of trees and shrubs growing for future plantings. They do not depend upon buying everything as they need it. Now that we are coming out of the age of jazz and impatience we should remember the quiet wisdom of older days. Do not wait until you need trees—large ones and in a hurry—but look around and plant now.

THE YEAR AFTER PLANTING

These little White Pines were about 1½ feet high, twice transplanted, and cost about 30c each.



12" BB

1. Save money and labor
 2. Save disappointments
 3. Save delays
 4. Increase your enjoyment
 5. Rare and interesting
 6. Culture not difficult
- Increase Your Enjoyment.
 There is very real enjoyment in watching young trees develop and mature. This is one of the few luxuries which not only costs nothing but actually saves you money.

REES *at Special*

QUANTITY PRICES

apidly. Soak well after planting, and prune back. To keep a out all side twigs, and later again cut away all but one single h as priced below.)

quick results yet not expensive as full specimens. We offer trees between 4 and 8 feet high. Yet you save 2 to 4 years s at little extra cost.

Grades and Treatment

Older plants just grow, if soil and climate are normal. Young plants need care—chiefly shade, water, wind protection. These are the grades:

A—Seedlings or Rooted Cuttings. Must be shaded first two years. Planted 2 in. x 2 in., lath house holds 432. After two years, transplant.

B—Once Transplanted Grade. Grown as above, or bought. Our 2 yr. and 3 yr. Azaleas, or the 2 inch bands. Space about 5 in. x 5 in. (80 in the lath-house pictured). Shaded first year, but the second year shade omitted except in drought. In 2 years, now twice transplanted ("XX"), usable as hedge plants, for bedding, etc.

C—Twice Transplanted Grade. Can be moved into open, spaced 9 in. x 9 in. (nursery pictured holds 104) and left two years. They are "shaped" (straggly branches lopped off with sharp knife). Cultivate, fertilize, water, no shade needed. After 2 years, they are bushy and shapely.

D—Specimens. Every garden needs some larger, well formed plants. Such specimens are grown 2 or more years spaced 18 in. x 18 in. (nursery pictured holds 32).

It Pays to Buy Young Plants. Few people realize how little time is lost by using small instead of large planting stock. One case reported is 12 to 18 inch XX Pines that were planted the same year a neighbor put in 6 ft. B&B Pines. Ten years later the small ones were **bigger** than the specimens. (1) save money (2) have more fun and (3) lose little or no time, anyway.

TWENTY YEARS LATER

Photo near the same place shows trees 25 to 30 feet high. Worth \$50.00 or more each.



TS (0)	12-18" Seedlings		TRANSPLANTS		12-18" Seedlings	
	(25)	(100)	(10)	(100)	(25)	(100)
.....	5.00	\$15.00	PLATANUS occidentalis....		2.50	\$ 6.00
1.00			(American Sycamore)			
1.00			5 to 6 ft.	18.00 \$150.00		
.....	4.00	12.50	6 to 8 ft.	22.50 175.00		
1.00			8 to 10 ft.	30.00 250.00		
1.00			POPLAR, Lombardy.....		3.00	9.00
.....	9.00	32.00	5 to 6 ft.	8.50 65.00		
1.00			Bolleana (neater).....			
.....	8.00	24.00	5 to 6 ft.	25.00 190.00		
1.00			QUERCUS (Oak)			
.....	7.00	22.00	alba (White Oak)		6.50	20.00
1.00			3 to 4 ft.	12.50 95.00		
.....	7.00	22.00	Coccinea (Scarlet Oak)....		8.50	25.00
1.00			4 to 5 ft.	35.00 300.00		
.....	4.00	9.50	Palustris (Pin Oak).....		6.50	20.00
5.00			4 to 5 ft.	35.00 300.00		
.....	6.00	19.00	Borealis (Red Oak)		8.00	25.00
0.00			4 to 5 ft.	35.00 300.00		
.....	4.00	10.00	SALIX (Willow)			
0.00			Babylonica (Weeping).....		3.00	10.00
.....	2.50	7.00	4 to 5 ft.	15.00 120.00		
0.00			Wisconsin (Weeping)		7.00	20.00
ih)			4 to 5 ft.	15.00 120.00		
0.00			Golden Weeping (Niobe)		7.00	20.00
.....	20.00	60.00	4 to 5 ft.	15.00 120.00		
0.00			SORBUS (Mountain Ash)		9.50	30.00
et			4 to 5 ft.	25.00 195.00		
.....	5.00	15.00	TILIA (American Linden)		10.00	28.00
0.00			4 to 5 ft.	20.00 145.00		
ip)	4.50	14.00	ULMUS (American Elm)		2.50	6.00
0.00			5 to 6 ft.	20.00 160.00		
ry)	3.00	8.00	pumila (Siberian).....		2.50	6.00
5.00			4 to 5 ft.	12.00 85.00		

4 Grades of Evergreens



12" S

S—Seedlings. (Cheapest.)

X—Transplants. (Bushier.)
In beds, shade first summer. Space 5 to 6 inches apart. (Keep package moist, remove only one plant at a time to set out.

DELIVERY COSTS. Prices include packing on small, bare-root sizes. Express runs 10 to 15% extra, (B&B evergreens go express, estimate on request).

PINUS (Pine)
mughus (Mugh)

4 to 6 in. X.. 7

6 to 8 in. X..10

nigra (Austrian)

6 to 9 in. S.....

4 to 6 in. X.. 6

9 to 12 in. X 8

sylvestris (Scot

5 to 10 in. S ...

6 to 9 in. X.... 5

12 to 18 in.X 10

XX

Twice transplanted stock. Much busier tops. In deciduous trees and shrubs, specimens. In evergreens, which grow slowly, space 8 to 10 inches apart, shade is needed. These evergreens with little expense, perhaps 10 to

ABIES

—Balsam FirXX 12 to 15 inch 15

JUNIPER (Andorra) XX 12 to 15 inch 16

—Pfitzer JuniperXX 12 to 15 inch 20

—Hetz JuniperXX 9 to 12 inch 15

—Sabina (vase-shaped) XX 9 to 12 inch 17

PICEA (Black Hills) XX 9 to 12 inch 15

—Excelsa (Norway)XX 12 to 15 inch 15

—glauca (White Spruce)....12 to 15 inch 15

—pungens (Colorado) XX 12 to 15 inch 15

PINUS (Mugho)XX 9 to 12 inch 15

—Austrian PineXX 9 to 12 inch 15

—thunbergi (Jap Black) XX 10 to 15 in. 22

—Norway (Red) Pine XX 12 to 18 inch 15

THUJA occidentalisXX 12 to 15 inch 15

—Pyramidal Arborvitae XX 12 to 15 in. 15

BB—BALLED EVERGREENS

Here are bushy 12 to 15 inch to please. An unusual bargain by new growing and packing

any 10

Pfitzer Juniper—6 ft. bushy

Mugho Pine—3 ft. compact,

Austrian Pine—Shapeliest pir

Black-Hills Spruce—tall, py

Colorado Blue Spruce—good

Pyramidal Arborvitae—Narro

Spreading Yew—low, broad

Hicks Yew—6 ft. upright, de

12" BB

SHRUBS at QUANTITY PRICES

**BARBERRY
and PRIVET**
See Page 48

S—Seedlings: Prune heavily. In 2 years are:—

X—Transplants. Plant in final position. Prune lightly. Water seldom.

(25) (100) (1000)

CYDONIA (Quince)

Japonica (Flowering Quince)

12 to 18 in. S.. 4.50 13.00 80.00

DEUTZIA **Pride of Rochester**

12 to 18 in. S... 3.50 8.00 50.00

18 to 24 in. X.. 7.50 20.00 165.00

ELEAGNUS (Russian Olive)

12 to 18 in. S.. 3.50 9.75 70.00

LONICERA (Honeysuckle)

—**Tatarica** (Pink or White)

12 to 18 in. S.. 4.00 12.00 80.00

1½ to 2 ft. X..10.00 35.00

—**fragrantissima**

12 to 18 in. S.... 4.00 12.00 75.00

1½ to 2 ft. X....10.00 30.00 200.00

MACLURA (Osage Orange)

12 to 18 in. S.... 3.00 7.50 55.00

SPIRAEA **Anthony Waterer**

6 to 12 in. S.... 8.00 25.00

18 to 24 in. X 25.00 75.00

—**Van Houttei** (Modern Bridal-wreath)

12 to 18 in. S.... 5.00 16.00 95.00

1½ to 2 ft. X..15.00 50.00

VIBURNUM **American**
(Bush Cranberry)

(25) (100)

6 to 12 in...S 5.00 15.00

12 to 15 in. X 10.00 35.00

—**tomentosum**

12 to 15 in. S 12.00 45.00

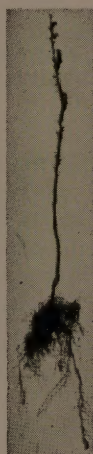
2 to 3 ft. X 30.00 100.00

WEIGELA **rosa** (pink)

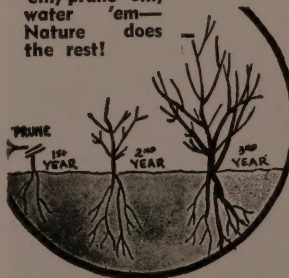
12 to 18 in. S 4.00 12.00

1½ to 2 ft. X 15.00 45.00

The "X" grade specimen Barberry above, grew in six years from the "S" grade, seedling shown below. Shrubs grow quickly and are easily planted now, when small.



It's easy! Plant 'em, prune 'em, water 'em—Nature does the rest!



SEEDLING
1 to 2
YEARS

MATURE TREE

(X) TRANSPLANTS for quick results yet not expensive as full specimens. We offer nice, well-rooted trees between 4 and 8 feet high. Yet you save 2 to 4 years over small seedling sizes at little extra cost.

LANDSCAPE
GRADE

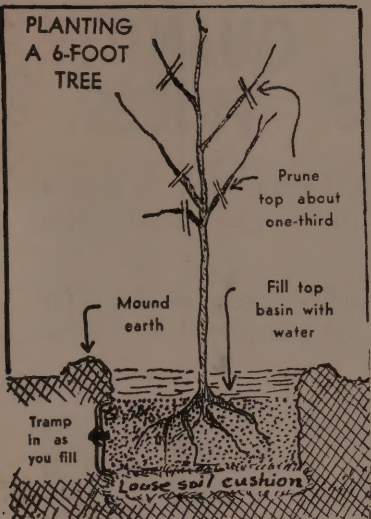
4 to 10
YEARS OLD—

PLANTING—The first thing is to keep the package moist, water the roots every 3 days, keep wrapped, if you must wait. Only when the planting bed is ready do you remove one plant at a time from its wrapping to plant it. This is particularly important with evergreens, but good sense with all plants. Plant quickly—twenty seconds is average for young plants.

WATER is usually critical the first week or two. Soak thoroughly when planting. After that not oftener than twice a week.

TRANSPLANTS			TRANSPLANTS		
(10)	(100)	12-18" Seedlings	(10)	(100)	12-18" Seedlings
▼	▼	(25) (100)	▼	▼	(25) (100)
ACER (Maple)			PLATANUS occidentalis....		
Rubrum (Red Maple).....		5.00 \$15.00	(American Sycamore)		2.50 \$ 6.00
4 to 6 ft. \$25.00	\$180.00		5 to 6 ft. 18.00	\$150.00	
6 to 8 ft. 40.00	335.00		6 to 8 ft. 22.50	175.00	
saccharum (Sugar).....			8 to 10 ft. 30.00	250.00	
4 to 6 ft. 25.00	180.00	4.00 12.50	POPLAR, Lombardy.....		
6 to 8 ft. 40.00	335.00		5 to 6 ft. 8.50	65.00	3.00 9.00
platanoides (Norway).....			Bolleana (neater).....		
4 to 5 ft. 12.50	100.00	9.00 32.00	5 to 6 ft. 25.00	190.00	
BETULA (Birch)			QUERCUS (Oak)		
alba (European White)....		8.00 24.00	alba (White Oak)		6.50 20.00
4 to 5 ft. 30.00	250.00		3 to 4 ft. 12.50	95.00	
papyrifera (paper).....			Coccinea (Scarlet Oak)....		
4 to 5 ft. 25.00	200.00	7.00 22.00	4 to 5 ft. 35.00	300.00	8.50 25.00
populifolia (Grey)			Palustris (Pin Oak).....		6.50 20.00
4 to 5 ft. 25.00	200.00	7.00 22.00	4 to 5 ft. 35.00	300.00	
CERCIS canadensis			Borealis (Red Oak)		
(Red Bud)		4.00 9.50	4 to 5 ft. 35.00	300.00	8.00 25.00
3 to 4 ft. 18.00	125.00		SALIX (Willow)		
CLADRASTIS			Babylonica (Weeping).....		
(Yellowwood)		6.00 19.00	4 to 5 ft. 15.00	120.00	3.00 10.00
4 to 6 ft. 25.00	200.00		Wisconsin (Weeping)		
CORNUS florida			4 to 5 ft. 15.00	120.00	7.00 20.00
(dogwood)		4.00 10.00	Golden Weeping (Niobe)		
3 to 4 ft. 25.00	200.00		4 to 5 ft. 15.00	120.00	7.00 20.00
FRAXINUS (White Ash)			SORBUS (Mountain Ash)		
6 to 8 ft. 28.00	200.00	2.50 7.00	4 to 5 ft. 25.00	195.00	9.50 30.00
KOELREUTERIA.....			TILIA (American Linden)		
(Golden-rain)		20.00 60.00	4 to 5 ft. 20.00	145.00	10.00 28.00
4 to 5 ft. 40.00	300.00		ULMUS (American Elm)		
LIQUIDAMBAR (Sweet gum)			5 to 6 ft. 20.00	160.00	2.50 6.00
4 to 5 ft. 30.00	200.00	5.00 15.00	pumila (Siberian).....		
LIRIODENDRON (Tulip)			4 to 5 ft. 12.00	85.00	2.50 6.00
4 to 5 ft. 18.00	150.00	4.50 14.00			
MORUS (Mulberry)					
alba (Russian Mulberry)		3.00 8.00			
4 to 5 ft. 12.50	95.00				

PLANTING A 6-FOOT TREE



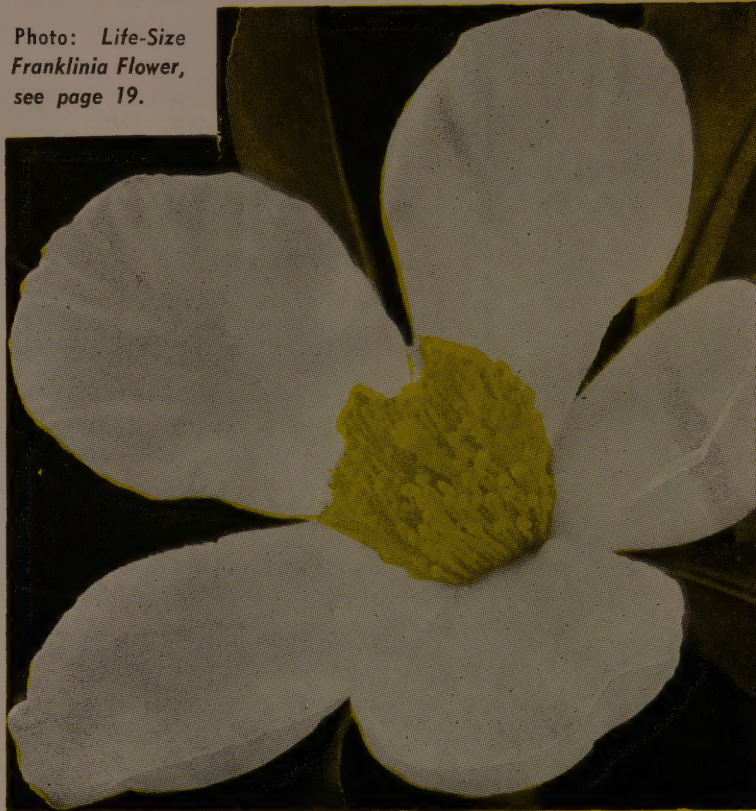
DECIDUOUS TREES

On these 8 pages is an alphabetical list of deciduous trees—a short list of the better kinds only. Many sorts not listed can be quoted on request. Small, bushy trees are included in this list, though some of them come close to being classifiable as large shrubs (there is no clear dividing line). We try to simplify, e.g., all Maples, even dwarf forms, are here among trees—while all Viburnums, even tree-like kinds, are listed as shrubs.

"DECIDUOUS" means losing its leaves every winter. Such plants then become dormant. Usually no earth ball is necessary.



Photo: Life-Size
Franklinia Flower,
see page 19.



HELP IN SELECTING

SHADE TREES

	Tolerance	Faults	Virtues
	Poor soil	Wet soil	Smoke
	Root-greedy	Weak-branch	Quick
	Health	Showy	
ACER Negundo (Box-elder).....	x	x	x
A. platanoides (Norway Maple)...	.	.	x
A. rubrum (Red Maple).....	.	x	.
A. saccharum (Sugar Maple).....	x	.	.
BETULA alba (Birch).....	x	.	.
B. populifolia (Gray B.).....	x	x	.
B. papyrifera (Canoe Birch).....	.	.	.
CELTIS (Hackberry).....	x	.	.
FAGUS (Beech).....	.	.	.
FRAXINUS (Ash).....	.	x	.
GINGKO biloba.....	.	.	.
GYMNOCLADUS (Coffee-tree)...	.	.	.
PLATANUS (Sycamore).....	.	x	.
P. acerifolia (Oriental Plane).....	.	x	.
POPULUS (Poplar—most kinds)...	x	.	.
QUERCUS palustris (Pin Oak)...	.	x	.
Q. coccinea (Scarlet Oak).....	x	.	.
Q. rubra (Red Oak).....	x	.	.
SALIX (Willow—most kinds).....	.	x	.
TAXODIUM (Bald-cypress).....	.	.	.
TILIA (Linden—most kinds).....	.	.	.
ULMUS campestris (English Elm)...	.	x	.
U. americana (American Elm)...	.	x	.
U. pumila (Siberian Elm).....	x	.	.

Cornus florida flora plena (p.18)



FLOWERING TREES

x = flower; o = fruit

Hardy	Wide	High	Healthy		Early	May	June	Summer	Autumn
III	20	40	..	Aesculus rubicunda.....	..	x	..	..	..
IV	30	80	..	Catalpa speciosa.....	..	..	x	..	..
IV	18	35	x	Cercis (Red Bud).....	x	..	..	..	..
IV	15	25	x	Cornus florida.....	..	x	..	..	o
V	12	20	x	Cornus kousa.....	..	..	x	..	..
IV	12	20	x	Cornus mas.....	..	..	..	o	..
IV	15	20	x	Crataegus (Hawthorn).....	..	x	..	..	o
V	12	30	x	Franklinia (gordonia).....	..	..	..	x	x
IV	15	25	..	Halesia tetraptera.....	..	x	..	..	..
V	8	20	x	Hamamelis mollis.....	x	..	..	..	..
V	15	25	..	Koelreuteria.....	..	..	..	x	..
V	20	40	x	Laburnum vossi.....	..	..	x	..	..
IV	40	100	x	Liriodendron tulipifera.....	..	..	x	..	..
V	12	25	x	Magnolia conspicua.....	x	..	..	..	..
V	10	20	x	Magnolia soulangeana.....	..	..	..	..	..
V	12	25	..	Magnolia lennei.....	..	x	..	..	..
V	10	20	x	Magnolia nigra.....	..	x	..	..	..
V	8	8	x	Magnolia stellata.....	x	..	..	..	..
IV	15	20	..	Malus (Flowering Crabs)...	..	x	x	..	o
IV	12	30	x	Oxydendron arboreum.....	..	..	..	x	x
V	20	40	..	Prunus Flowering Cherry...	..	x	..	..	..
IV	30	70	x	Robinia pseudacacia.....	..	..	x	..	..
IV	30	60	x	Sophora japonica.....	..	..	..	x	..
II	15	40	x	Sorbus (Mountain Ash).....	..	..	..	o	..
V	10	20	..	Styrax japonica.....	..	..	..	..	..
V	15	20	..	Symplocos paniculata.....	..	x	..	..	o
III	40	80	..	Tilia (Linden).....	..	..	x	..	..

ACER dasycarpum (Silver Maple). 100 ft. Zone III. Very fast growing, handsome tree.
 *12 inch S25 \$2.50, 100 \$6.00
 *5 ft. X5 \$10.00, 100 \$180.00
 6-8 ft.\$3.50 each, 10 \$25.00
 8-10 ft.\$5.00, 10 \$35.00

Davidi—50 ft. Zone V. Leaves yellow and purple in fall. Branches striped white. Dark red wood.
 18-24 in. X\$4.50, 10 \$35.00

ginnala. 25 ft. Zone II. Conspicuous red fruit in summer. Handsome red leaves in autumn.
 *12-18 inch S. 25 \$9.50, 100 \$30.00
 3-4 ft. X ..\$4.00, 10 \$30, 100 \$200

Hersii (Snake-bark Maple) 30 ft. Zone V. Showy bark.
 *12 in. S10 \$8.00, 100 \$40.00
 1½-2 ft. X\$3.50, 10 \$30.00

palmatum atropurpureum (Red-Leaved Maple). 10 ft. Any sheltered soil. Open tree-like shrub. Zone V. (seedlings: vary to green). See page 9.

—**Bloodgood**. Grafted. The best.

*12 in. 2 yr. \$3.95 ea., 10 \$30.00
 18-24 in. X \$6.00 ea., 10 \$50.00
 3 ft. BB each \$11.50

—**atropur. dissectum** (Cutleaf red) Dwarf. Very bushy. Rare. 2 year graft \$5.50 each, 5 \$25.00

platanoides. (Norway Maple). 60 ft. Zone III. Dense, round headed. Excellent for city streets. Easily grown. Bad in gardens, because of greedy roots.

*12 in. S.....25 \$9.00, 100 \$32.00
 *4-5 ft.10 \$12.50, 100 \$100.00
 6-8 ft.\$6.00 each, 10 \$55.00
 8-10 ft.\$7.50 each, 10 \$65.00

—**Crimson King**. A form with dark purple leaves that holds color all summer (Pat. No. 735.)
 6-7 ft.6.95 each, 10 \$60.00

—**Columnare** (Pyramidal Maple). Tall, narrow form of Norway. Probably the most practical of all Columnar Maples.

*6-7 ft. \$6.00 each, 10 \$50.00
 8-10 ft. \$12.50 each, 10 \$100.00

Pennsylvanicum (Striped Maple) (Moosewood). 30 ft. Zone III. Large bright green leaf. Striking bark striped white.

*4-6 ft. 5 for \$12.50, 100 \$175.00

Rubrum (Red or Swamp Maple). 80 ft. Zone III. Majestic drooping pyramid. Red flowers in April. Wet land but tolerant of drainage.

*12 in. S.25 \$5.00, 100 \$15.00
 *4 ft.5 \$12.50, 100 \$180.00
 6 ft. \$6.50 each, 10 \$40.00

saccharum (Sugar Maple). 100 ft. Zone III. Hates smoky cities. Heavy dense, regular pyramid. Autumn color. The most effective country landscape tree.

*12 inch S. 25 \$4.00, 100 \$12.50
 *4 ft.5 \$12.50, 100 \$180.00
 *6 ft.5 \$20.00, 100 \$335.00
 6-8 ft.\$6.00 each, 10 \$48.00

AESCULUS pavia (Red Buckeye). 35 ft. Zone V. Bright red flowers. Neat, handsome, tolerant.

1-1½ ft. X \$3.00 each, 10 \$25.00

Carnea Briotti (Red Horsechestnut). 50 ft. Zone III. Showy red in May. Rare and beautiful.

5-6 ft.\$17.50 each

BETULA alba (European White Birch). 40 ft. Zone II. Good white bark. Spreading. Very tolerant tree.

4 ft.5 for \$15.00, 100 \$250.00
 6 ft.\$5.50 each, 10 \$45.00
 8 ft.\$6.50 each, 10 \$55.00

—**Clumps**. Three stems each.

3 ft. clumps \$5.50 each, 5 \$25.00

—**laciniata** (Cutleaf Weeping). Like above, but drooping branches and lacy, drooping leaves. The effect is superb on a lawn. Only fault: Hard to move large trees.

3-4 ft.\$4.50 each, 10 \$40.00
 8 feet\$8.50 each

Populifolia (Gray Birch). 30 ft. Zone IV. The common clump of "white" birch in woods. Poor soil. Short lived.

*12 in. S.....25 \$6.00, 100 \$ 18.00
 *4-5 ft.10 \$25.00, 100 \$200.00



ALBIZZIA julibrissin rosea. (Hardy Mimosa). Almost a tree. 18 ft. Zone V. Very rare. Pink flower in July.

2-3 ft. 2 ppd.\$2.50
 (10 for \$7.50)
 4-6 ft. \$4.00, 10 \$30.00

—**Tryon**. Form that is very resistant to wilt.
 3-4 ft. \$3.00, 10 \$25.00



Photo: *Betula papyrifera*

papyrifera, (Canoe or Paper Birch). 80 ft. Zone II. Whitest bark, but yellowish when young. Long-lived, tolerant.

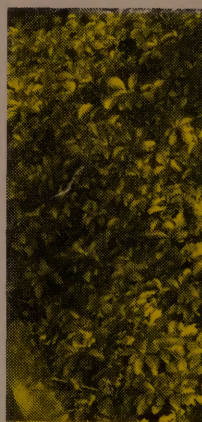
*12 in. S. 25 \$7.00, 100 \$22.
 *4-5 ft. 10 \$25., 100 \$200.
 8-10 ft.\$6.95, 10 \$50.

ING
ETS

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 inches apart
 -gentler slopes
 cept as noted
 ions.



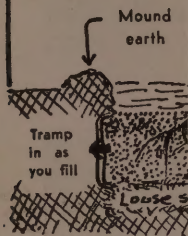
Baltic Ivy



Honeysuckle



PLANTING A 6-FOOT TREE



HELP IN SEI

SHA TRE

ACER Negundo (B)
A. platanoides (Nor)
A. rubrum (Red Ma)
A. saccharum (Suga)
BETULA alba (Bir)
B. populifolia (Gray)
B. papyrifera (Cano)
CELTIS (Hackberry)
FAGUS (Beech)
FRAXINUS (Ash)
GINGKO biloba
GYMNOCLADUS
PLATANUS (Sycan)
P. acerifolia (Orient)
POPULUS (Poplar)
QUERCUS palustris
Q. coccinea (Scarlet)
Q. rubra (Red Oak)
SALIX (Willow—mo)
TAXODIUM (Bald)
TILIA (Linden—mo)
ULMUS campestris
U. americana (Ameri)
U. pumila (Siberian)

CELTIS occidentalis. (Hackberry) 100 ft. Zone II. Good straight timber, handsome. Moist. Stands city smoke.

*12 inch S25 \$3.00, 100 \$9.00
3-4 ft.....\$3.50 each, 10 \$25.00
6-8 ft.\$7.50 8-10 ft.\$9.50

—**Sinense** (Chinese Hackberry). Zone V. 60 feet. Neater.

3-4 ft.\$3.00, 10 for \$18.00

CERCIS canadensis (Red Bud). 20 ft. Zone IV. Rosy pink buds cover bare branches in April. Humus. Beautiful. Part shade.

*12 inch S.....25 \$4.00, 100 \$9.50
3-4 ft. ..\$2.50, 10 \$18.00, 100 \$125
4-5 ft. ..\$4.50, 10 \$30.00, 100 \$200
5-6 ft. ..\$5.00, 10 \$40.00, 100 \$350

—**alba** (White Bud). Rare and showy white form of Red Bud.

3-4 ft.....\$ 9.50 each
5-6 ft.\$12.50 each

—**Withers Pink Charm**—form with clear pink blooms. Fine.

2 to 3 feet\$9.50 each, 10 \$80.00

chinensis (Chinese Red-bud). 40 ft. Zone VI. More, larger, darker flowers than our native.

*12 inch S25 \$9.00, 100 \$30.00
2-3 ft.2 for \$5.50, 10 \$20.00



Cornus florida flori

CHIONANTHUS virginica (White Fringe). 25 ft. Zone IV. Fragrant white tassels in May. A slow tree, but worth waiting for. Good drainage.

12-18 in. X2 for \$3.00
18-24 in. X.....each \$3.00, 10 \$18.00
3-4 ft.\$6.00, 10 \$45.00

retusus. 18 ft. Zone V. Similar, and as handsome as the above. Blooms June-July, when few trees bloom. Rare.

18-24 in. X..\$3.50 each, 10 \$25

CLADRASTIS lutea (Yellowwood). 50 ft. Zone III. Fragrant, white in June. Stands drought. Deep roots.

12-15 in. S....10 \$7.00, 100 \$35.00
2-3 ft.\$3.90, 10 \$20.00, 100 \$150
4-5 ft.....\$5.00, 10 \$25.00, 100 \$200

CORNUS mas (Cornelian Cherry). 20 ft. Zone V. A yellow cloud in April. Scarlet berries August. Tolerant.

*12 inch S....25 \$10.00, 100 \$35.00
2-3 ft.\$2.50 each, 10 \$18.00
6-7 ft.\$6.50 each, 10 \$45.00

Officinalis — (Japan Dogwood). Like C. mas, but blooms on long stems a week earlier.

2-3 ft.\$2.75, 10 \$20.00
4-5 ft.\$5.00, 10 \$35.00

CORNUS — The Flowering Dogwoods

Alternifolia (Pagoda Dogwood) 25 ft. Zone III. Horizontal tiers of branches, white show, May.

*12 inch S25 for \$5.00
4-5 ft.\$3.00, 10 \$20.00

florida (Flowering Dogwood). 25 ft. Zone IV. Very showy white in May, large red berries October on. Acid, humus. No more sensational sight in bloom.

*12 inch S.....25 \$ 4.00
2 ft. X.....\$3.00, 10 \$16.00
3 ft. X....\$3.75, 10 \$25.00
4-5 ft.\$5.50, 10 \$35.00
6-8 ft.\$9.50, 10 \$75.00

—**plena** (Double Dogwood). Rare form, showy double white.

*12 inch X.....5 \$12.00
2½-3 ft.\$5.50 each

—**rubra** (Pink Flowering). Pink tone. Plant in with white for best effect.

*12-15 in. X..5 for \$11.00
2 ft.\$2.75, 10 \$20.00
4-5 ft.\$7.50 each

—**New Super-Red.** The nearly-red Dogwood. New. Much darker.

*6-12 in. X.....5 for \$9.00
2-2½ ft.\$7.00 each

kousa (Japan Flowering Dogwood). 20 ft. Zone V. Like our native C. florida, but in June.

*12-18 in. S....5 for \$4.50
2-3 ft.\$4.50 each
4-5 ft.\$7.50 each

—**chinensis.** Form of Kousa with larger, whiter flowers.

*1 yr. graft..2 for 11.00
2-3 ft.....\$6.50 each



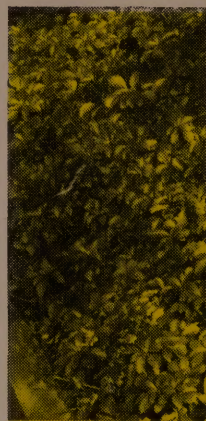
Cercis Canadensis
Photo: Chionanthus



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-gentler slopes
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ions.



Baltic Ivy



Honeysuckle



TREES



Cladrastis lutea

Honey-Locusts

GLEDITSIA tricanthos inermis (Thornless Honey Locust). 100 ft. Zone IV. Rich soil, sun. Good timber and good stock feed.

*1-1½ ft.
25 for \$2.75, 100 \$9.00
6-8 ft.
\$5.50 each, 10 \$40.00

—**Moraine Locust.**
Form with no thorns and no fruit, hence does not litter a lawn. A useful tree.
5-6 ft.
\$6.50 each, 5 \$25.00

—**Sunburst Locust.**
New growth gold, seems in bloom all summer. Seedless.
4-5 ft.
\$6.75 each, 10 \$60.00

Crataegus Splendens



FRANKLINIA ALATAMAHA

Ben Franklin's Tree

35 Ft. Zone V. Large white and gold blossoms, fragrant, from August to frost. Damp, acid, humus, blooms best in sun. An extraordinary native. Leaves bright red in autumn—flowers still open. Unlike most trees, small sizes need more "nursing" than larger sizes.

	(each)	(10)
*12 to 15 in. S	\$ 12.00	
18 to 24 in. X	\$3.50	25.00
2 to 3 ft.	5.00	40.00
3 to 4 ft.	7.50	70.00
4 to 5 ft.	11.50	105.00
5 to 6 ft.	12.50	120.00

FRAXINUS americana (White Ash). 100 ft. Zone III. Vigorous, tolerant. Stands moist soils.

*12-18 inch S...25 \$2.50, 100 \$7.00
6-8 ft.\$4.00 each, 10 \$28.00

Ornus (Flowering Ash). 60 ft. Zone V. White, fragrant, long showy panicles, late May. Surprising and pleasing.

8 in. S 10 for \$5.50, 100 \$30.00
2-3 ft.....\$3.95 each, 10 \$30.00
3-4 ft.....\$4.95 each, 10 \$40.00

GINGKO biloba (Maidenhair Tree). 100 ft. Zone IV. Slow, but tolerant of city conditions.

*18-24 in. S...10 \$9.50, 100 \$65.00
2-3 ft. X.....2 for \$5.00, 10 \$20.00
3-4 ft.\$4.25 each, 10 \$35.00
4-5 ft.\$5.25 each, 10 \$45.00
6-8 ft.\$8.00 each, 10 \$75.00

—**Male.** Type tree, but no fruit.
*1 yr. graft.....\$3.25, 10 \$25.00

—**Autumn Gold** (Male) Nice fall color. No fruit.

3 to 4 ft.\$9.00, 5 \$40.00

HALESIA tetraptera (Great Silverbell). 25 ft. Zone IV. Profusion of white bells nod in May. Acid, humus.

3-4 ft.\$4.75 each, 2 for 8.00

—**monticola** (Mountain Silverbell). Larger to 60 ft. Zone V, otherwise similar to above.

2-3 ft.\$3.50 each

COTINUS coggygia (Smoke-Tree). (Purple Fringe). 20 ft. Zone V. Oct. Wash of feathery purple covers entire plant.

3-4 ft. X.....\$3.95 each, 5 \$15.00

—**Royal Purple.** Form with darker purple-bronze bloom, purple leaves, all summer. Outstanding.

2-3 ft.....\$3.95 each, 2 for 7.50
6-7 ft.\$9.50 each

CRATAEGUS cordata (Washington Thorn). 20 ft. Zone IV. Round head, bushy. Red fruit all winter.

4-5 ft.\$4.50 each, 10 \$38.00

oxycantha Crimson Glory (Red May Tree). 20 ft. Zone IV. Showy red flower in May, fragrant. Red autumn fruit.

2 to 3 ft.\$3.75, 10 for \$30.00
*1 yr. graft\$2.75, 10 for \$20.00

—**splendens** (Paul Scarlet Hawthorn). Form with showy red flowers. Grafted. Red berries. Prefers sun, lime, and heavy soil even clay. (Manure light soil.)

2-3 ft.\$3.50, 10 \$30.00
4-5 ft.\$5.00 each, 10 for \$45.00



Photo: Davidia blooms

DAVIDIA involucrata. Called the most beautiful tree in the world by Dr. Wilson. Covered with large flowers "like white doves" in June. Zone VI.

*4 in. pot\$5.50, 5 \$25.00
2-3 ft.\$11.00, 5 \$50.00

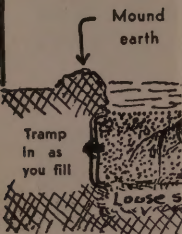
FAGUS sylvatica (European Beech). 80 ft. Zone IV. Lime, drain. Slow. Casts dense shade.

—**riversi** (Purple). Reddish-purple leaves. Handsome, bushy tree.

*1 yr. graft 10 \$20.00, 100 \$180.00
2-3 ft. X\$8.50 each, 5 \$35.00

(See also page 9)

PLANTING A 6-FOOT TREE



HELP IN SEI

SHA TRE

ACER Negundo (Be
A. platanoides (Nor
A. rubrum (Red Ma
A. saccharum (Suga
BETULA alba (Birch
B. populifolia (Gray
B. papyrifera (Cano
CELTIS (Hackberry
FAGUS (Beech)
FRAXINUS (Ash)
GINGKO biloba
GYMNOCLADUS (C
PLATANUS (Sycan
P. acerifolia (Orient
POPULUS (Poplar
QUERCUS palustris
Q. coccinea (Scarlet
Q. rubra (Red Oak)
SALIX (Willow—mo
TAXODIUM (Bald-
TILIA (Linden—mo
ULMUS campestris
U. americana (Ameri
U. pumila (Siberian

HOVENIA dulcis (Raisintree) 30 ft. Zone V. Handsome leaf, attractive fruit. Rare.
4-5 ft.\$3.00 each, 10 \$20.00

KOELREUTERIA paniculata (Golden Rain Tree). 25 ft. Zone V. Sun, lime, dry. Large golden clusters in July. Showy.
*12-18 inch S 10 \$8.50, 100 \$60.00
18-24 in. X. 2 ppd. \$5.75, 10 \$20.00
3-4 ft.\$3.50 each, 10 \$30.00



Malus—Flowering Crabapple

LARIX decidua (European Larch). 100 ft. Zone II. Shapely pyramid with "needle" leaves.
*18-24 in. X 25 \$30.00, 100 \$85.00
3-4 ft. BB\$4.75 each

LIQUIDAMBAR Styraciflua (Sweet Gum). 100 ft. Zone IV. Symmetrical tree. Brilliant fall color.
*12 inch S....10 \$5.00, 100 \$15.00
4-5 ft. X5 \$15.00, 100 \$200.00
6 ft. BB\$7.50 each

LIRIODENDRON tulipifera (Tulip Tree). 150 ft. Zone IV. Majestic giant, with yellowish tulips in June. Humus.
*12 inch S10 \$4.50, 100 \$14.00
4 ft. X5 \$9.00, 100 \$150.00
6-8 ft.\$3.50, 10 \$30.00, 100 \$250
10-12 ft.\$7.00 each, 10 \$60.00



Laburnum blooms like long golden wisterias

MAGNOLIAS — Tree Aristocrats

Vigorous small trees. Outstandingly beautiful.

MAGNOLIA Cordata (yellow cucumber-tree) 30 ft. Zone V. Huge leaf, yellow flowers May, red fruit Sept. Showy, small tree.
*1 yr. graftsppd. \$6.50 ea.

glauca (Swamp Laurel). 16 ft. Zone V. Prefers moist, but tolerant. Semi-evergreen. White blooms scattered from June to August. Fragrant.

*4 inch S10 \$6.00, 100 \$35.00
4 in. pot (18") 2 \$5.75, 10 \$18.00
4-5 ft. X....\$5.75 each, 10 \$45.00

grandiflora (Great Southern Magnolia). Zone VI, if protected. Evergreen leaf, huge white bloom.

4 in. pot (18") 2 \$5.75, 10 \$18.00
2-3 ft. BB.....\$5.75 each, 5 \$25.00

macrophylla (Big-leaf Magnolia). 60 ft. Zone V. 18-inch leaves, foot-wide flowers May, fragrant.
4-5 ft. X\$6.00 each, 10 \$45.00

MALUS—Flowering Crabs

Vigorous, hardy, and breath-taking. Zone III to V. Easy to grow. Showy in May. Crabapples will grow well on the sea-shore, where few plants thrive.

2-3 ft.\$1.95 each, 10 \$15.00
4-5 ft.\$3.00 each, 10 \$25.00

Almey. Bright red flowers and fruit. New. Outstanding.

Baccata columnaris. Narrow column. Red bloom, scarlet fruit.

Double Columnar Pink. Narrow.

Floribunda. 18 ft. Pink, white.

Golden Hornet. New from England. White blooms, golden fruit.

Henrietta Crosby. New. Bright red fruit annually.

Lemoine. Purple leaf, dark red flower and fruit.

Marshall Oyama. Very narrow, upright. Red and yellow fruit.

Mary Potter. Arnold Arboretum favorite. Red fruit.

Prince George. Showy, double shell-pink blooms.

Spectabilis rosea plena. Nice double pink flowers.

soulangeana (Saucer Magnolia). 20 ft. Zone V. Late April show of large rose-purple blossoms, white inside. A hybrid species, including handsome varieties. Drain.

18 inch \$4.75, 10 \$4.00, 100 \$350
4-5 ft. BB\$8.50 each, 10 \$70.00

—**Rustica Rubra.** Larger, dark.
5-6 ft.\$11.00 each, 5 \$45.00

—**Grace McDade.** Very large pink. Fine plant.
3-4 ft. \$7.50 each, 10 for \$60.00

stellata (Star Magnolia). 12 ft. Shrubby. Zone V. Early April, ribbony, white, fragrant bloom.
2-3 ft. BB \$5.50 each, 10 \$45.00

—**waterlily.** New, hardier, blush-white form. Very double blooms in late April. Bushy growth.

12-18 inch X \$5.50 ea., 5 \$25

LABURNUM vossii (Hybrid Golden Chain). 35 ft. Zone V. Yellow in May. Lime. Bright green stems in winter.

2 to 3 ft. \$3.00, 10 \$20
4 to 5 ft., each\$7.00
8 to 10 ft., each \$12.00

Cornus florida flor

METASEQUOIA (Dawn-red-wood). Deciduous. The new living fossil conifer from western China. Hardiness probably Zone III. One of the rarest trees.

*6-12 in. X 2 for \$5.50, 10 \$20
1½-2 ft. X.....\$5.50, 10 \$35
4-5 ft. \$9.75 each, 5 for \$40

MORUS alba (Russian Mulberry). 30 ft. Zone IV. Round-topped tree. Fruit white.

*12 in. S100 \$8.00
4 ft. X5 \$6.25, 100 \$95.00

NYSSA sylvatica (Tupelo). 60 ft. Zone IV. Interlaced, drooping. Early autumn color. Moist. Hard to transplant.

*18 in. S. 10 for \$3.50, 100 \$24.00
3-4 ft. BB\$4.95 each

OXYDENDRUM arboreum (Sorrel Tree). 30 ft. Zone IV. Leaves turn red in autumn. Clusters of white, July and August. Acid.

*6-12 in.5 \$7.00, 100 \$50.00
2-3 ft. X\$3.50, 10 \$25.00

PARROTIA persica. 20 ft. Zone V. Purplish flowers in March. Glorious orange and scarlet Autumn leaves.
1½-2 feet X each \$6.00, 10 \$50

PHELLODENDRON amurense (Amur Cork-tree). 50 ft. Zone III. One of the best small shade trees. Conspicuous gray bark.

*18 inch S10 \$5.00, 100 \$40.00
4-5 ft.\$3.50 each, 10 \$25.00
6-8 ft.\$5.00 each, 10 \$45.00
10-12 ft.\$8.00, 10 \$60.00

PLATANUS occidentalis (Sycamore). 120 ft. Zone IV. Giant, dignified native shade tree. Tolerant but prefers moisture.

*12 in. S25 \$2.00, 100 \$6.00
5-6 ft.5 \$9.00, 100 \$150.00
6-8 ft.5 \$11.25, 100 \$175.00
8-10 ft.\$6.00 each, 10 \$30.00

—“**Orientalis**” (Acerifolia) (London Plane). 90 ft. Zone (V), VI. Good city tree.

6 to 8 ft.\$6.00 each, 10 \$50.00
10-12 ft.\$8.95 each, 10 \$75.00

TREES



Lombardy Poplar

POPULUS bolleana (Bolleana Poplar. 40 ft. Zone II. Narrow column, hardy and disease-free. Better than Lombardy. Green leaf, white beneath.

5 ft.5 \$12.50, 100 \$190.00
6 ft. \$4.50, 10 \$32.00, 100 \$250.00

—**nigra italica** (Lombardy Poplar). 60 ft. Zone II. Quick column. Popular but prone to disease. Very tolerant as to soil.

*18-24 inch ..25 \$3.50, 100 \$10.00
5-6 ft. \$1.50, 10 \$8.50, 100 \$65.00
6 ft. \$2.00, 10 \$15.00, 100 \$100.00

—**carolina**. (Norway Poplar.) 90 ft. Zone II. A straight very fast growth, clean variety.

*2 ft. S.....25 \$6.00, 100 \$18.00
5-6 ft.5 for \$7.95, 100 \$98.00

PSEUDOLARIX (Golden Larch). 100 ft. Zone V. Rare, beautiful. Feathery leaves turn golden before they fall. Acid.

*8 to 12 in. S ppd., 2 \$2.50, 5 \$5.00

PTEROSTYRAX hispida (Epauvette Tree). 40 ft. Zone V. Rare and handsome. Large hanging panicles of creamy white fragrant flowers, June.
*3-in. pot \$3.00 each, 10 \$20.00

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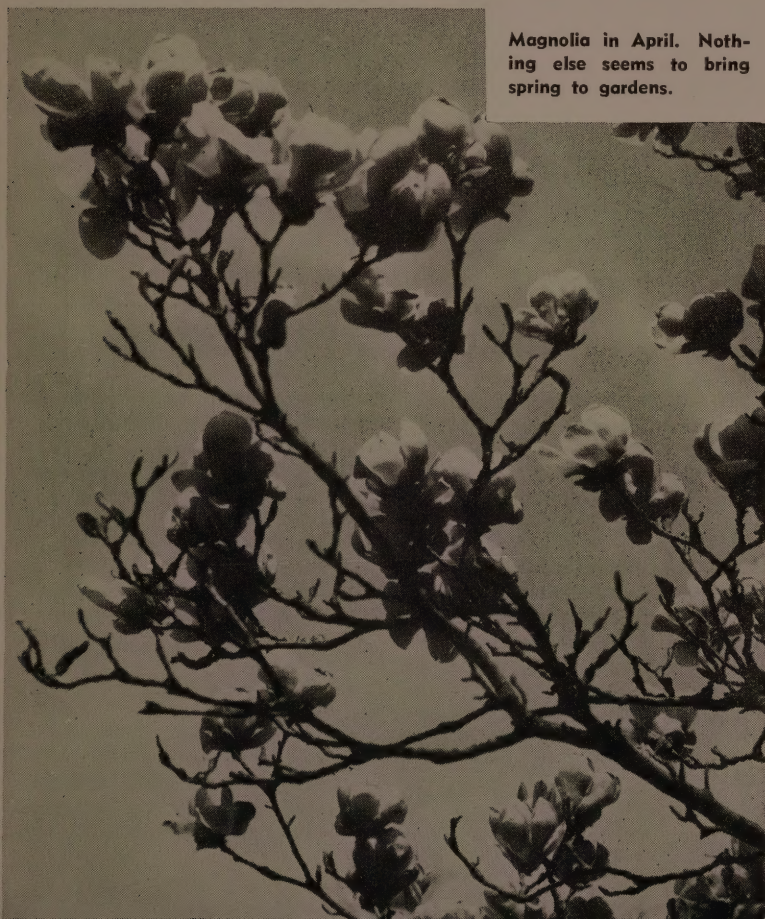
Baltic Ivy



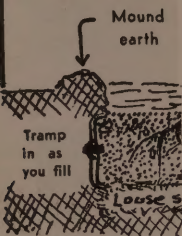
Honeysuckle



Magnolia in April. Nothing else seems to bring spring to gardens.



PLANTING
A 6-FOOT
TREE



HELP IN SEI

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ACER Negundo (Bo
A. platanoides (Nor
A. rubrum (Red Ma
A. saccharum (Suga
BETULA alba (Birch
B. populifolia (Gray
B. papyrifera (Canoe
CELTIS (Hackberry)
FAGUS (Beech)
FRAXINUS (Ash)
GINGKO biloba
GYMNOCLADUS (C
PLATANUS (Sycamore
P. acerifolia (Oriental
POPULUS (Poplar)
QUERCUS palustris
Q. coccinea (Scarlet
Q. rubra (Red Oak)
SALIX (Willow—mo
TAXODIUM (Bald
TILIA (Linden—mo
ULMUS campestris
U. americana (Ameri
U. pumila (Siberian

Prunus — Flowering Fruit

JAPANESE CHERRIES

Serrulata Amanogawa. 20 ft. Zone V. Erect, narrow column, blush-pink in late May.

5 to 6 ft.....\$8.50 each, 3 \$22.00

—**kwanzan.** Easily the darkest pink. Fully double, large flowers. Zone V.

4 to 5 ft.\$5.50 each, 5 \$25.00

5 to 6 ft.\$9.50 each

subhirtella pendula (Weeping Cherry). In May, a fountain of pink. 12 ft. Zone V.

Low-Branded ("Fountain")

3-4 ft.\$6.00 each, 10 \$55.00

5 ft. stems

2 yr. No. 1\$11.00 each

—**Autumnalis.** Pink in October.

2-3 ft.\$3.00 each, 10 \$20.00

—**Hally Jolivette** (Pink mist cherry.) Compact, fine branched, a fluffy ball of pink all May. New, very unusual.

4 to 5 ft.\$5.50, 10 for \$45.00

PRUNUS triloba "Newport." (Purple-leaf Plum). 12 ft. Zone IV. Pink in May. Purple foliage.

4-5 ft.\$2.45, 5 \$10.00

FLOWERING PEACH

Persica. 18 ft. Zone IV. Very showy, bright colors. Double flowers in May. Order RED, PINK, or WHITE.

3-4 ft.\$2.95 each, 5 \$8.00
(One each all 3 colors \$7.50 ppd.)

PYRUS calleryana. 20 ft. Zone V. Very shape-ly, glossy leaf. showy white in May. Superb.

2-3 ft. \$2.25 ea., 10 \$15

6-8 ft. \$5.00 ea., 10 \$40



Prunus Kwanzan.

ROBINIA pseudacacia (Black Locust). 70 ft. Zone IV. Dry, sandy soil. The drought tree! Showy, fragrant white, June.

*12-18 in. S ..\$10 \$5.00, 100 \$25.00
5 to 6 ft. X ..\$3.00 each, 10 \$22.00

SALIX alba Vitellina (Russian Golden Willow). 40 ft. Zone II. Branches are bright startling yellow. Damp soil.

*1½ ft.....25 \$5.00, 100 \$15.00

*4-5 ft.5 \$7.50, 100 \$120.00

—**babylonica** (Babylon Weeping). 30 ft. Zone V. Green fountain. Near, but not in water.

*12 in. S.....25 \$3.00, 100 \$10.00

*4 ft.5 \$7.50, 100 \$120.00

6-8 ft.\$5.00, 10 for \$45.00

—**blanda** (Wisconsin Weeping). More vigorous hybrid of Babylonica. Spreading head, weeping. Zone IV.

*4 ft. 5 for \$7.50, 100 \$120.00

6-8 ft.\$5.00 each, 10 \$45.00

—**niobe** (Golden Weeping). 40 ft. Zone II. Drooping yellow.

4-5 ft.5 \$7.50, 100 \$120.00

6-8 ft.\$5.00 each, 10 \$45.00

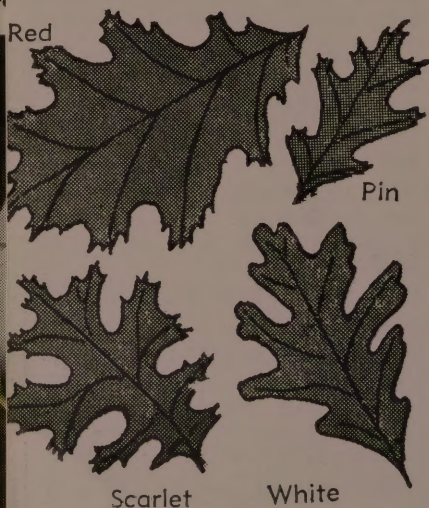
—**Gracystyla** (Rose-Gold Pussy Willow). 9 ft. Zone V. Large colored catkins, very showy.

2-3 ft. X.....\$2.95 each, 10 \$22.00

—**nana purpurea** (Arctic Willow). Blue leaved dwarf to Zone I. Grows anywhere, even damp clay. Not over 4 ft., bushy, nice foliage. Excellent for low edging.

2 to 3 ft. X. \$2.95 each, 10 \$22.00

SKETCH: Oak Leaves



Quercus-The Oaks

The most long-lived tree. Not so slow, either. See page 16.

palustris (Pin Oak). 90 ft. Zone IV. Damp or dry soil. Fine tree; quick growth.

*12 inch S 25 \$6.50, 100 \$20

4-5 ft.10 \$35.00, 100 \$300

5-6 ft.\$5.00 each, 10 \$40

6-8 ft.\$7.50 each, 10 \$65

coccinea (Scarlet Oak). 80 ft. Zone IV. A neater Red Oak, finer autumn leaf.

*4-5 ft.5 \$17.50, 100 \$300

6-8 ft.\$12.50 each

alba (White Oak). 90 ft. Zone IV. Noble, spreading.

*12 inch S 25 \$6.50, 100 \$20

*3-4 ft. X 10 \$12.50, 100 \$95

6-8 ft.\$12.50 each, 10 \$80

phellos (Willow Oak) 90 ft. Zone V. Shapely pyramid.

4-5 ft. \$5.50 each, 10 \$40.00

rubra (borealis) (Red Oak). 60 ft. Zone IV. Likes clay.

*12-18 in. S 25 \$6.50, 100 \$20

*4-5 ft.5 \$17.50, 100 \$300

6-8 ft.\$12.50 each, 10 \$80



Salix Babylonica

STEWARTIA Monadelphica. 20 ft. (slow) Zone V. Fragrant white, July. Stately, shrub-like, acid soil.

2-3 ft. X\$5.00 each, 10 \$40.00
4-5 ft. X \$9.00 each, 10 \$75.00

ovata (pentagyna). 15 ft. Zone V. White cups, July-Aug. Green leaf, orange in fall. Handsome shrubby tree.

2-3 ft. X.....\$6.00 each, 5 \$25.00

pseudocamellia. 60 ft. Zone V. White cups in July. Good foliage turns purple in fall. Rare beauty.

2-3 ft. X.....\$6.00 each, 10 \$50.00

4-5 ft. X\$9.00 each, 10 \$75.00

Serrata—15 ft. Zone VI. Large red-and-white blooms, July.

*12 inch X10 for \$7.00

2-3 ft. X\$6.00 each, 10 \$50.00

SORBUS aucuparia (Mountain Ash). (Rowan Tree). 30 ft. Zone II. Clusters of orange in August. Showy.

*12 in. S..... 25 \$8.50, 100 \$25.00

3-4 ft. X\$2.50, 10 \$15.00

5-6 ft.\$3.50, 10 \$30.00

—**Tianschanica.** (Dwarf Mountain-Ash.) 18 ft. Bushy. Red berries. Zone V.

2 to 3 ft. X.\$5.00 ea.

SOPHORA japonica (Pagoda Tree). 75 ft. Zone IV. White in August. Showy and rare.

*12 in. S.....10 for \$4.50, 100 \$30.00

4 to 5 ft.\$4.75 each, 5 \$17.50

—**Pendula.** Form of above with tortuous limbs, weeping.

* 1 yr. grafts5 for \$10.00

STYRAX obassi (Showy Snowbell). 30 ft. Zone V. Hanging white bells in June-July. Tolerant, handsome small tree.

2-3 ft. X\$3.00, 10 \$25.00

4-5 ft.\$5.50, 10 \$40.00

SYMPLOCUS paniculata (Sweetleaf). 35 ft. Zone V. Showy white flowers in May, brilliant blue berries in Sept. An unusual and very choice tree. Easily grown.

1-1½ ft. X 2 for \$2.75, 10 \$12.00

4-5 ft. X.....\$4.75 each, 10 \$35.00

TAXODIUM distichum (Bald Cypress). 80 ft. Zone V. Is not evergreen, but looks like one. Graceful, feathery pyramid. Very fine shade tree. Tolerant.

*18-24 in. S.5 \$4.00, 25 \$15.00

4-5 ft. X\$3.50 each, 10 \$30.00

ULMUS americana (American Elm). 100 ft. Zone II. Most beautiful native tree. Tolerant, even of flooded land. Subject to blight near New York.

*12 inches25 \$3.00, 100 \$ 9.00

6-8 ft.\$5.50 each, 10 \$35.00

8-10 ft.\$6.50 each, 10 \$40.00

Carpinifolia C. Buisman (Blight-free European Elm). 90 ft. Zone IV. Resistant to all Elm diseases. New, promising pyramid.

*1 yr. graft 5 for \$8.00, 100 \$120

5-6 ft.\$5.75 each, 10 \$40.00

pumila (Siberian or Chinese Elm). 45 ft. Zone IV. Neat, small, bushy tree. Very tolerant of dry land. Permanently desirable tree. Excellent sheared hedge.

*12 in. S25 \$2.50, 100 \$6.00

*4-5 ft. 10 for \$12.00, 100 \$85.00

6-8 ft. \$3.75, 10 \$25.00, 100 \$195

8-10 ft.\$6.00 each, 10 \$50.00

ZELKOVA Serrata (Japanese Keaki). 90 ft. Zone V. Short trunk, many upright stems. Elm relatively resistant to disease.

*12-18 in. S 10 \$6.00, 100 \$30.00

4-5 ft. X\$3.50, 10 \$25.00

TREES

TILIA americana (American Linden). 100 ft. Zone II. Fine, large tree for avenues. Vigorous.

*12 in. S25 \$10.00, 100 \$28.00

4-5 ft. X10 \$18.50, 100 \$145.00

6-8 ft.\$6.75 each, 10 \$30.00

Cordata (Little-leaf European Linden.) 90 ft. Zone III. Handsome, dense foliage.

4-5 ft. X\$5.00, 10 \$45.00

6-8 ft. \$8.00, 10 \$70.00, 100 \$650

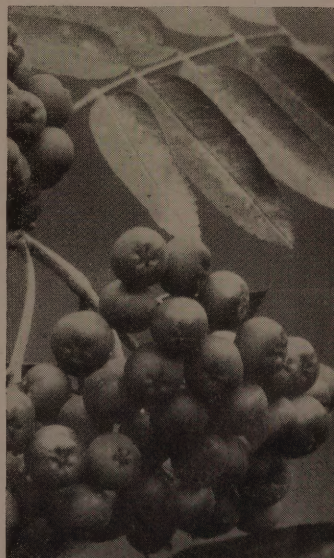
TILIA vulgaris (European Linden) 90 ft. Zone III. Fine street tree.

5 to 6 ft.\$12.50, 5 \$60.00



Stewartia Blooms

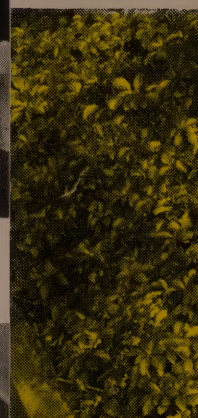
Sorbus (Mt. Ash)



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inches apart
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cept as noted
rions.



Baltic Ivy



Honeysuckle



PLANTING A 6-FOOT TREE

Mound
earth

Tramp
in as
you fill

HELP IN SEI

SHA TRE

ACER Negundo (Be
A. platanoides (Nor
A. rubrum (Red Ma
A. saccharum (Suga
BETULA alba (Birch
B. populifolia (Gray
B. papyrifera (Cano
CELTIS (Hackberry)
FAGUS (Beech)
FRAXINUS (Ash)
GINGKO biloba
GYMNOCLADUS (C
PLATANUS (Sycam
P. acerifolia (Orient
POPULUS (Poplar)
QUERCUS palustris
Q. coccinea (Scarlet
Q. rubra (Red Oak)
SALIX (Willow—mo
TAXODIUM (Bald-
TILIA (Linden—mo
ULMUS campestris
U. americana (Ameri
U. pumila (Siberian

Cornus florida flor

Photo:
Spiraea
Van Houtte

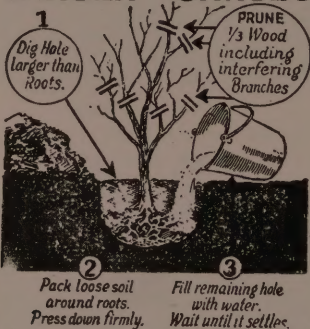
PRUNING SHRUBS—Flowers come on old wood, so prune when in bloom. Natural shrub shape is to have main stems in a clump all ascending from the ground, so prune out old branches.

PLANTING SMALL SHRUBS

- 1 Loosen Soil.
- 2 Dig Hole.
- 3 Tramp as you fill in.
- 4 Cut to Ground.



LARGER SHRUBS



SHRUBS

Bloom young, but after some years they need 6 feet of space for best appearance. So plant 3 feet apart and arrange that every second shrub can be removed in later years.

ABELIOPHYLLUM distichum
(White "Forsythia"). Zone V.
4½ ft. White Apr. Drain, sun.
*2¼ in.
pot 5 pppd. \$5.50, 100 \$55.00
2-3 ft.\$3.00, 3 for \$8.50

AMELANCHIER Canadensis. 20 ft. Zone IV. Thin, bushy shrub or tree. Gay white show in July.
*12 in. S.....25 \$9.00, 100 \$30.00

Grandiflora (Apple Shadblow). Hybrid of above. Larger, similar.
*1 year graft\$2.95, 10 \$25.00
2-3 ft.\$5.50, 5 \$25.00
3-4 ft.\$6.50, 5 \$30.00

—**grandiflora rosea.** Larger flowers, pink. Very handsome.
*1 year graft X \$2.95, 10 \$20

Laevis. 36 ft. tree. Zone IV. Very showy in May.
2-3 ft.\$5.00 each, 5 for \$20.00
3-4 ft.\$6.00 each, 5 for \$28.00



Amelanchier

BERBERIS thunbergi (Japanese Barberry). 5 ft. Zone IV. Very tolerant. Bushy and dense, red berry in autumn. Fine hedge.
*12-18 in. S. 10 \$2.50, 100 \$13.00
12-18 in. X....10 \$6.00, 100 \$45.00

—**Atropurpurea.** Red leaf form.
*12-15 in. S....10 \$3.00, 100 \$22.00
1-1½ ft. X \$1.25, 10 \$9.00, 100 \$70

—**Crimson Pygmy.** Very dwarf, purple-leaf. Outstanding. New.
*2 in. pots10 \$7.50, 100 \$60.00
10-12 in. BB\$4.75, 10 \$32.00

Beauty All Year TIME-TABLE OF SHRUBS

SPRING

Amelanchier
Benzion aestivale
Chaenomeles
Fothergilla
Forsythia (all kinds)
Hamamelis mollis
Spiraea van Houttei
Syringa (most lilacs)
Tamarix africana
Viburnum carlesii

EARLY SUMMER

Deutzia (all kinds)
Enkianthus campanul.
Exochorda grandiflora
Kolkwitzia
Lonicera (shrub kinds)
Philadelphus virginal
Potentilla fruticosa
Spiraea trichocarpa
Syringa josikea
Weigela (all kinds)

LATE SUMMER

Albizzia julib. rosea
Buddleia (varieties)
Calycanthus floridus
Cephalanthus
Clethra alnifolia
Hydrangea A. G.
Hypericum prolificum
Spiraea A. Waterer
Showy fruit
Lonicera (shrubs)

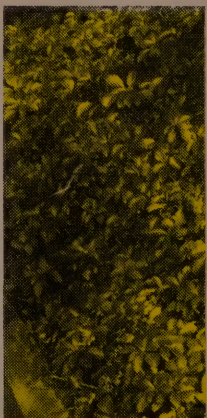
AUTUMN

Hibiscus syriacus
Hydrangea P. G.
Vitis agnus castus
Fruit
Berberis thunbergi
Callicarpa purpurea
Photinia villosa
Rhus cotinus
Symphoricarpos
Viburnum (many)

t bad steepes be
inches apart
-gentler slopes
cept as noted
tions.



Baltic Ivy



Honeysuckle



Chaenomeles (Quince)



Clethra alnifolia rosea



ENKIANTHUS cam-
panulatus. 15 ft. Zone
IV. Red-veined yellow
flowers in May. Bril-
liant red autumn
leaves. Humus, acid.

*3 in. pot (18")
2 for \$2.50 ppd.
10 for \$9.50
12-18 in. BB
\$3.75 ea., 5 \$18.00



CLETHRA alnifolia (Summer
Sweet). 7 ft. Zone III. White
fragrant spikes vary from July
to August. Acid soil.

*2¼-in. pot 5 ppd. \$4.50, 100 \$50

—**a. rosea.** Fine pink flowered
form. Showy plant.

*2¼ in. pot ..10 \$8.00, 100 \$65
2-3 ft. ..\$2.85, 10 \$22, 100 \$180

—**barbinervis** (Japanese). 20 ft.
Zone V. White, fragrant. Aug. to
October.

12-18 in. X \$1.75 each, 10 \$15.00

C O M P T O N I A asplenifolia
(Sweetfern). 6 ft. Zone II. Grows
even on barren soil. Fern-like
leaves. Collected clumps only.

2-3 ft.5 \$6.00, 100 \$85.00

CORYLOPSIS sinensis (Chinese
Winter-Hazel) 15 ft. Zone V.
Fragrant yellow, April.

*2¼-in. pot 5 \$3.50, 100 \$45.00
2-3 ft.\$3.25 each, 5 \$12.00

CORYLUS maximum purpur-
eus (Purple Filbert). 18 ft.
Zone IV. Showy purple leaves.
Good nuts. An outstanding
large shrub.

18 inch X....\$5.75, 2 for \$11.00

DEUTZIA gracilis. 3 ft. Zone IV.
Drain. Dainty mass of white,
May.

*2¼ in. pot X 10 \$8.00, 100 \$55.00
12-15 inch\$1.75, 10 \$9.00

—**rosea.** Pink flowers.

*4-6 in. X 10 for \$7.00, 100 \$50
15-18 in. X \$1.95 each, 10 \$15.00

scabra — Pride of Rochester.
Large pinkish white blooms. Vig-
orous. Zone V. 8 ft.

*12 in. S 10 for \$1.75, 100 \$8.00
3 ft.\$1.25, 10 \$9.50, 100 \$60.00

ELEAGNUS angustifolia (Rus-
sian Olive). 20 ft. Zone II.
Drought-resisting. Yellow berries
in September.

*12-18 in. S....25 \$3.50, 100 \$9.75
3 ft. X \$2.00, 10 \$16.00, 100 \$130

umbellatum. 12 ft. Zone III.
Fragrant yellow, June. Red fruit.

*12 in., 2 yr. 5 for \$3.50, 100 \$35
4-5 ft.\$4.50 each, 10 \$3.00

BUDDLEIA (Butterfly Bush).
Zone V. 6 ft. June-Aug. Drain.

—**Charming.** Pink.

—**Empire Blue.** Fine blue.

—**Bouquet.** Good white.

Prices on above 3 varieties ppd.
2 yr. No. 1 \$1.75 ea. (any 3 \$3.75)

CALLICARPA Bodenieri Gir-
aldi. (Beauty-berry). 8 ft.
Zone V. Violet berries, Nov.
Showy. Lilac flowers, July.

*2¼ in.
pot. 2 \$3.00 ppd., 10 \$8.50

CALYCANTHUS floridus
(Sweetshrub). 9 ft. Zone IV. Fra-
grant brown in June.

*12 in. S10 \$2.50, 100 \$9.00
2 ft. X....1.50, 10 \$9.00, 100 \$75.00

CARYOPTERIS Blue Mist. 2 ft.
Roots hardy to Zone V. Many
showy clear blue flowers Aug. to
frost. Tolerant.

2 yr. (18 in.) \$1.45 ppd., 10 \$12.00

CHAENOMELES japonica (Jap-
anese Quince). 4 ft. Zone IV.
Sun. Bushy dwarf. Scarlet flow-
ers in April. A tolerant orna-
mental shrub. Slow growth. Can
be kept pruned.

*12 in. S ..25 for \$4.50, 100 \$13.00
2 ft. X \$1.50, 10 \$12.50, 100 \$95.00

—**Glowing Embers.** New red.

—**Rubra grandiflora.** Early red.

—**Crimson & Gold.** Very showy.

—**nivilis.** Large, pure white.

—**Stamford Red.** Brilliant.

Any of five named kinds:

2 yr. graft, (18"),\$2.50
(any 5 for \$8.50)

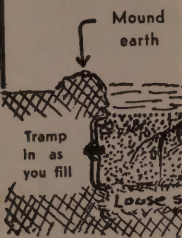
—**upright red.** 6 ft. Grafted form.
Grows only vertical stems. Neat,
useful, showy.

*12 in.10 \$5.50, 100 \$35.00
2-3 ft. X....\$1.75 each, 10 \$12.50

DAPHNE Genkwa (Lilac
Daphne). 3 ft. Zone V. Lilac
clusters in April.

18-24 in....\$6.00 each, 5 \$25.00

PLANTING A 6-FOOT TREE



HELP IN SEI

SHA TRE

ACER Negundo (Be
A. platanoides (Nor
A. rubrum (Red Ma
A. saccharum (Suga
BETULA alba (Birch
B. populifolia (Gray
B. papyrifera (Canoe
CELTIS (Hackberry)
FAGUS (Beech)
FRAXINUS (Ash)
GINGKO biloba
GYMNOCLADUS
PLATANUS (Sycamore)
P. acerifolia (Oriental
POPULUS (Poplar)
QUERCUS palustris
Q. coccinea (Scarlet
Q. rubra (Red Oak)
SALIX (Willow—mo
TAXODIUM (Bald-
TILIA (Linden—mo
ULMUS campestris
U. americana (Ameri
U. pumila (Siberian

Cornus florida flor



Forsythia Lynwood Gold

Forsythia Karl Sax—A
hardier Beatrix Far-
rand. Sensational. Zone
V.

*2¼ in. pot.
10 \$8.00, 100 \$50.00
2-3 ft. X \$3.95, 10 \$25.00

Hamamelis mollis



EUONYMUS alatus (Winged
Euonymus). 8 ft. Zone III. Pink-
Crimson autumn leaves. Showy.

12-15 in. X 5 for \$8.50, 100 \$140

—**compacta**. Dwarf form, 5 ft.

*2¼ in. pot. 10 \$7.50, 100 \$45.00
18 in. X\$2.50 ea., 10 \$18.00
18 in. bushy \$4.50 each, 10 \$35.00

Europea (Burning-bush). 15 ft.
Zone III. Fruit red-pink, Oct.

2-3 ft.2 for \$5.00, 10 \$20.00

yedoensis (Yahoo). 12 ft. Zone
IV. Pink fruit in Sept. Hand-
some.

*12 in. S.....10 \$6.50, 100 \$35.00
3-4 ft.\$3.00 each, 10 \$20.00

EXOCHORDA racemosa (Pearl-
bush). 9 ft. Zone IV. Showy
white, April-May.

*12 inch S10 \$6.00, 100 \$30.00
2-3 ft.\$3.00 each, 10 \$25.00

FORSYTHIA—**Arnolds Dwarf**. 2
ft. Zone V. Very dwarf. Few flow-
ers.

*1 yr. X10 \$6.50, 100 \$40.00
18-24 in.\$2.00 each, 10 \$12.50

Bronxensis. New, free-flower-
ing form of above dwarf.

*1 year10 \$6.50, 100 \$40.00
15-18 in. X.....\$2.50, 10 \$20.00

—**Lynwood Gold**, 7 ft. Zone V.
Very many, very large, very deep
yellow blooms. New, outstanding.

*1 yr. cuttings 25 \$8.00, 100 \$25
18 inch X.....5 \$6.50, 100 \$85.00
4 ft.\$3.50, 10 \$25.00, 100 \$156

—**spectabilis**. More, larger, yel-
lower flowers. Zone V. 8 ft.

*12 in.25 \$4.00, 100 \$12.50
2 ft.\$1.50, 10 \$7.50, 100 \$65.00
4 ft. \$3.50, 10 \$25.00, 100 \$180.00

—**spring glory**. A new forsythia
hybrid very showy, hardy.

*12 in. S.....10 \$8.00, 100 \$30.00
2-3 ft. \$1.75, 10 \$15.00, 100 \$95.00

suspensa (Weeping Golden Bell).
6 ft. Zone V. Good May show.
Drooping branches root.

3-4 ft.\$3.95 each, 10 for \$32.50

NEW FORSYTHIA

Beatrix Farrand. 6 ft. Vigor-
ous. 2-inch flowers, huge deep
gold with orange markings.
Splendid. A real thrill.

*6-12 in. X 10 \$8.50, 100 \$55.00
2-3 ft.\$2.00 each, 10 \$15.00
4-5 ft.\$3.50 each, 10 27.50

FOTHERGILLA (gardeni). 3 ft.
Zone V. Conspicuous white spikes
in April, before the leaves.

12 in. (bushy)\$4.75, 5 \$18.50

**HALIMODENDRON haloden-
dron** (Syrian "Salt-tree") 6 ft.
shrub. Zone II. Lilac blooms
June. Handsome and grace-
ful. Rare.

18-24 in.\$4.95 each, 10 \$40

HAMAMELIS Japonica rubra
(Red Japan Witch-hazel) 20 ft.
Zone V. Showy in Feb.-Mar.
2-3 ft.\$5.95, 10 \$50.00

Mollis (Chinese Witch-Hazel).
Very showy yellow. Feb.-Mar.

1 yr. (graft)\$3.50, 10 \$25
2-3 ft.\$6.00, 4-5 ft.\$8.50

—**brevipetala**. Same, but with
tighter blooms. (Also Zone V.)

2 yr. graft \$4.50 each, 10 \$40.00

vernalis (Spring Witch-Hazel). 6
ft. Zone V. Yellow, fragrant in
April. Interesting.

*10-15 in. S. 10 \$5.00, 100 \$35.00
3-4 ft. \$3.00, 10 \$22.00, 100 \$150

v. Orange Glow. New Orange
form. Rare.

18-24 in.\$6.50 each, 10 \$55

virginiana (Winter Witch-Haz-
el). 12 ft. Zone IV. Yellow in
November.

*12 in. S.....25 \$5.00, 100 \$15.00
3-4 ft. \$3.50, 10 \$22.00, 100 \$150

HIBISCUS syriacus (Althaea).
12 ft. Tree-like. Zone V. Heavy
soil. Various colors in July and
August. A useful shrub.

—**Double Red**. Showy flower.

—**Totus albus**. Single white.

—**Jeanne d' Arc**. White, double.

—**Rubis**. Single red.

Any of above kinds:

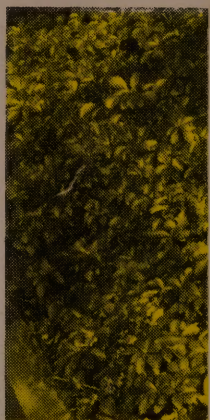
*12 in. S.....25 \$5.00, 100 \$15.00
2 ft.\$1.25 each, 10 \$7.50

SHRUBS

t bad steep be
inches apart
-gentler slopes
cept as noted
tions.



Baltic Ivy



Honeysuckle



Kerria flora plena



Philadelphus virginal

Kolkwitzia



HYDRANGEA arborescens grandiflora (Snow Hill). 4 ft. Zone IV. Straggling unless cut to ground in winter. Huge white blooms, July-August. Manure. 2-3 ft. \$1.80, 10 \$15.00, 100 \$125

Macrophylla Nikko Blue. A fine, huge flowered shrub. 5 ft. Zone VI. Blue all summer.

2¼ in. pot 10 for \$8.00, 100 \$50.00
2 yr. bushy\$1.75, 10 \$15.00

—**Mariesi.** Another horticultural form. Large pink all summer.
3 year \$1.95 each, 5 \$5.50 ppd.

paniculata grandiflora (Peegee). 7 ft. Zone IV. Sept. white, but turn pinkish long after opening.
*12-18 in. 10 \$8.50, 100 \$33.00
2-3 ft. \$1.75, 10 \$8.50, 100 \$80.00

—**Tree Form.** 9 ft. Grown to a single trunk. Very pleasant.
3-4 ft.\$4.50; 4-5 ft.\$5.50

HYPERICUM Frondosum (aureum). Golden St. Johnswort.

—**Hidecote.** 2 ft. Zone V. Huge bright yellow. June to Oct.
2 year\$2.50 each, 5 \$9.25

Kalmianum. 3 ft. Zone IV. Brightest gold, July-August. The best hardy Hypericum.

*18 in. X2 for \$2.00, 10 \$7.50
2-2½ ft.\$2.00 each, 10 \$15.00

ILEX verticillata (Winterberry). 15 ft. Zone III. Dampness preferred. Many red berries all winter. A show.

12 in. S.....10 \$7.00, 100 \$30.00
5-6 ft.\$5.95 each, 10 \$48.00

KERRIA japonica (Kerria). 6 ft. Zone IV. Single bright yellow all spring.

*6 in. S10 \$6.00, 100 \$25.00
3-4 ft. X\$3.50 each, 10 \$25.00

—**japonica fl. plena.** (Double Kerria). The same with double yellow blooms.

1½ ft. \$1.75, 10 \$15.00, 100 \$140

KOLKWITZIA amabilis (Beauty Bush). 8 ft. Zone V. Sun, loose. A light green fountain flushed with cascade of pink in June.

*9-inch X....25 \$12.50, 100 \$35
2 ft. \$2.25, 10 \$18.00, 100 \$120
3-4 ft.\$2.75 each, 10 \$20

LAGERSTROMIA (Crepe Myrtle). Great trusses of color Aug. to Oct. 15 ft. Zone VI. Order: Pink, Red or White.
2 ft.....\$1.75 each (postpaid)

LIGUSTRUM amurense (Amur Privet "North"). 12 ft. Zone V.

Ibolium (Hybrid). 12 ft. Zone V. Like California, but hardier.

Ovalifolium (California). 20 ft. Zone VI. Common, popular.

(For above Privets see page 48)

—**Obtusifolium vicary.** (Very Golden Privet). Bright yellow leaves. 9 ft. Zone III.

*12 in. X10 \$8.00, 100 \$45.00
2-3 ft. \$2.95, 10 \$20.00, 100 \$150.00

—**Regel's.** 6 ft. Zone V. Handsome, dense shrub. Horizontal branches.

1½-2 ft.5 \$6.00, 100 \$95.00

LONICERA fragrantissima. (Winter Honeysuckle). 6 ft. Zone V. Yellow, fragrant, April; red berries, July. Semi-evergreen.

*12-18 in.25 \$4.00, 100 \$12.00
2-3 ft. \$1.50, 10 \$7.50, 100 \$60.00

Compacta nana (Clavey's dwarf) Zone IV, 4 ft., dense low growth.

*9 in. X10 \$7.50, 100 \$39.00
2-3 ft. \$2.00 each, 10 for \$15.00

korolkowi (Broad Blueleaf). 9 ft. Zone IV. Intricate gray shrub. Pink, June, scarlet fruit, July.

2-3 ft.\$2.50 each, 10 \$13.50
4-5 ft.\$3.45 each, 10 \$22.00

Maacki. (Showy Fragrant Honeysuckle). 15 ft. Zone II. White in June. Red fall berries.

*2 yr. S.....10 \$6.00, 100 \$30.00
3-4 ft.\$2.50 each, 10 \$18.00

tatarica (Tatarian Honeysuckle). 8 ft. Zone IV. Bushy. Flower, June; red berry, July. Order: White or Pink.

*12-18 in.25 \$4.00, 100 \$12.00
1½-2 ft. \$1.45, 10 \$9.50, 100 \$80

—**Zabelli (Red).** Fine color form of tatarica.

*12 in. S....25 \$7.00, 100 \$20.00
2 ft. \$1.55, 10 \$11.00, 100 \$90

PLANTING A 6-FOOT TREE



HELP IN SEI

SHA TRE

ACER Negundo (Be
A. platanoides (Nor
A. rubrum (Red Ma
A. saccharum (Suga
BETULA alba (Birch
B. populifolia (Gray
B. papyrifera (Cano
CELTIS (Hackberry;
FAGUS (Beech)
FRAXINUS (Ash)
GINGKO biloba
GYMNOCLADUS
PLATANUS (Sycam
P. acerifolia (Orient
POPULUS (Poplar
QUERCUS palustris
Q. coccinea (Scarlet
Q. rubra (Red Oak)
SALIX (Willow—mo
TAXODIUM (Bald
TILIA (Linden—mo
ULMUS campestris
U. americana (Amer
U. pumila (Siberian

Cornus florida flor



Spiraea Van Houtte



Symphoricarpos racemosus



Hibiscus (Althaea)

MYRICA carolinensis (Bay-berry). 6 ft. Zone II. A shapely rounded bush. Good foliage. Barren, sandy soils.

*6-12 in. S10 \$8.00, 100 \$55.00
12 in. Clump5 \$12.00, 100 \$150

PHILADELPHUS coronarius (Sweet Syringa). 9 ft. Zone IV. White in June. Very fragrant. Needs lime.

*12-18 in.25 \$4.50, 100 \$15.00
2 ft. \$1.20, 10 \$5.00, 100 \$40.00

—**Frosty Morn.** 4 ft. Zone IV. White, double, fragrant, July. Fine new dwarf. (Pat. 1174)
18-24 in.\$2.00 each, 5 \$9.00

—**virginal.** 8 ft. Zone V. Double, fragrant, translucent white blooms load the bush in June. Then a few show through summer, particularly if pruned.

*6-12 in. S 10 \$4.00, 100 \$25.00
2 ft.\$1.50, 10 \$12.50, 100 \$95.00

—**Minnesota snowflake** (new). Double, fragrant, large flowers. Zone III. (Pat. 538)
18-24 in. \$1.65 each, 10 \$12.50
3-4 ft.\$2.45 each, 10 \$18.00

PHOTINIA villosa (Christmas Berry). 20 ft. Zone IV. Drain, sun. White in May. Showy red fruits. Birds love it.

*12 in. S 10 \$7.50 ppd., 100 \$45.00
3-4 ft. \$2.75, 10 \$18.00, 100 \$120

PHYSOCARPUS opulifolius nanus. (Dwarf Nine-bark) 4 ft. Zone II. Showy white, June-July.

*12 in. S25 \$5.00, 100 \$15.00
1½-2 ft. X \$1.50, 10 \$12, 100 \$95

POTENTILLA fruticosa. 5 ft. Zone II. Large bloom, May to August. Sun, drain, moist.

—**Katharine Dykes.** Light yellow form. Dwarf to 3 ft.

3 year, \$2.75 each, 10 \$18.00

—**Golddrop.** Dwarf fern-like leaves, gold flowers all summer. Zone IV.

2 years\$1.60 each, 10 \$12.00

RHAMNUS frangula (glossy Buckthorn). 18 ft. Zone II. Lustrous leaf. Hedge.

*12 in. S.....25 \$4.00, 100 \$12.00
4 ft.\$3.25 each, 10 for \$25.00

RHODOTYPOS scandens (Jet-bead). 6 ft. Zone IV. Showy white late in May. Showy black fruit. 18 in. S.....10 \$7.50, 100 \$35.00

RHUS canadensis (Fragrant Sumac). 4 ft. Trailing. Zone III. Yellow, April. Grows in poor soil. 12 in. S.....10 \$4.00, 100 \$30.00
1½ ft. \$1.75, 10 \$12.00, 100 \$75.00

RIBES alpinum (Alpine Currant). 7 ft. Zone II. Scarlet berries all summer and autumn. Stands shade.

15-18 in.\$1.95, 10 for \$15.00

ROSA (Shrub roses). Hardy, tolerant. Need sun. See page 46.

hugonis (Hugo Rose). 6 ft. Zone V. Yellow in April or early May. 2-3 ft.\$1.95 each, 10 \$15.00

rugosa. Pink all summer. 6 ft. Zone II. Stands sea-shore. 12 in. S.....10 \$6.00, 100 \$30.00

rugosa grootendorst. Double red form.

2 yr. No. 1\$2.00 each, 10 \$18.00

rubiginosa (Eglanteria) (Sweetbriar). Zone IV. Pink, June. Fragrant leaf.

1-2 ft.5 \$4.50 ppd., 100 \$45.00

Multiflora (Page 48.)

Wichuriana. (Page 49.)

SPIRAEA Anthony Waterer. 3 ft. Zone V. Pink, June to August.

*18-24
in. X\$1.65, 10 \$9.50, 100 \$80

—**japonica coccinea.** Improved form of above.

*2 in. pot10 \$6.00, 100 \$35
1½-2 ft. X \$2.45, 10 \$18.00

macrothyrsa. 4 ft. Zone IV. Spikes of bright cameo pink all summer if kept cut. No pests. Sun or part shade.

2-3 ft. \$2.00, 10 \$15.00, 100 \$95

Van Houttei (Modern "Bridalwreath"). 6 ft. Zone IV. Familiar everywhere for the white May garlands.

*12-18 in.25 \$6.00, 100 \$18.00
1½ ft. \$1.25, 10 \$8.50, 100 \$50.00
3 ft.\$2.00 each, 10 \$13.50

prunifolia (true Bridalwreath). 8 ft. Zone V. Double white, May. 2 ft. X....\$1.50, 10 \$9.50, 100 \$75.00

SYMPHORICARPOS racemosus (Snowberry). 5 ft. Zone III. Clay, lime. Useful for showy white berries in August. Good dwarf shrub.

1½ ft. \$1.45, 10 \$7.50, 100 \$60.00

chenaultii. 8 ft. Zone III. Graceful. Rose-pink berries.

*12 in. 10 ppd., \$3.00, 100 \$15.00

2-3 ft.\$1.75, 10 \$12, 100 \$90.00

vulgaris (Coralberry). 5 ft. Zone II. Berries red, hang late.

*6-12 in. S25 \$5.00, 100 \$15.00

2-3 ft.5 for \$4.00, 100 \$45.00

—**Magic Berry**. Better form. Showy red berries. Likes shade.

*2 yr.10 \$6.00, 100 \$35.00

2-3 ft. X

.... \$1.80, 10 \$12.00, 100 \$80

SHRUBS

Mother-of-Pearl. New pale pink symphoricarpos racemosus. Very fine.

2-3 ft. X \$2.00, 10 \$12

t bad steepes be
inches apart
—gentler slopes
cept as noted
tions.

SYRINGA

the Lilacs

All tolerant, but need extra lime.

All hardy, fine for the north.

Japonica (Tree Lilac) 30 ft. Zone V. Blue-gray clusters in June and July. Different. Tolerant.

4 to 5 ft.....\$6.45 each, 10 \$50

microphylla (Everblooming Lilac). 6 ft. Zone V. (7.3). Light lilac blooms in June and fall.

2-3 ft.\$2.50 each, 10 \$20.00

—**superba** (Daphne Lilac) Shapelier, and color pink.

1 yr. graft\$1.75, 10 \$15.00

2-3 ft.\$2.75, 10 \$20.00

persica (Persian Lilac). 6 ft. Zone V. Pale purple, fragrant.

*12 in. S10 \$3.50, 100 \$20.00

2-3 ft.2 ppd. \$2.50, 100 \$70.00

Palibiana—Zone III. 4 ft. Very neat. Purple, May and October.

* 1 yr. graft \$2.95, 10 \$18.00

vulgaris (Old-fashioned Lilac). 15 ft. Zone III. Spreads to huge clumps. Purple, May. Fragrant.

*12-15 in. S 10 \$5.00, 100 \$18.00

1½ ft. \$1.50, 10 \$8.00, 100 \$60.00

2 ft.\$1.75, 10 \$13.50, 100 \$90.00

—**alba**. White form of above.

2 ft.\$2.25, 10 \$15.00, 100 \$90.00

villosa (Late Lilac) 9 ft. Zone II. Pale pink-lilac in June.

2 ft.....\$1.75 each, 10 \$12.00



Single French Lilac



Double French Lilac

NAMED FRENCH LILACS

Zone III
plants

1½ to 2 ft.

Any 5 for
\$10.45 Postpaid

(25 or more
at \$1.20 each
by express.)

Huge fragrant trusses in many colors. Both "S" (Single) and "D" (Double) forms are charming. Ratings below are by experts—10.0 would be perfect. Color notes are mere indications, since color changes as blooms age.

—**Belle de Nancy** (6.2) D. Pink

—**Marie LeGraye** (5.8) White, Single

—**Vivian Morrell** (5.5) Lilac, Double

—**Charles Tenth** (6.8) Single Red

—**Pres. Grevy** (6.9) D. Blue

—**Charles Joly** (6.8) D. Reddish

—**Michael Buchner** (7.2) D. Pink

—**Ellen Wilmott** (8.0) D. White



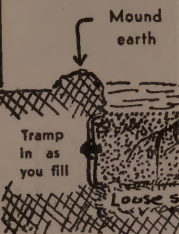
Baltic Ivy



Honeysuckle



PLANTING A 6-FOOT TREE



HELP IN SEI

SHA TRE

ACER Negundo (Be
A. platanoides (Nor
A. rubrum (Red Ma
A. saccharum (Suga
BETULA alba (Birch
B. populifolia (Gray
B. papyrifera (Canoe
CELTIS (Hackberry)
FAGUS (Beech)
FRAXINUS (Ash)
GINGKO biloba
GYMNOCLADUS (C
PLATANUS (Sycam
P. acerifolia (Orient
POPULUS (Poplar)
QUERCUS palustris
Q. coccinea (Scarlet
Q. rubra (Red Oak)
SALIX (Willow—mo
TAXODIUM (Bald-
TILIA (Linden—mo
ULMUS campestris
U. americana (Amer
U. pumila (Siberian

Cornus florida flor

TAMARIX—summer glow. 10 ft.
Zone II. Red racemes. July-Aug.
1½-2 ft.\$2.00 each, 10 \$15.00

VITEX macrophylla (Chaste
tree). 6 ft. Zone V. Showy blue,
July to frost. Sun, acid soil.
18-24 in. \$1.70 each, 3 \$4.75 ppd.

WEIGELA Boskoop Glory. 8
ft. Zone V. New, salmon-pink.
Grand.
2-3 ft.\$1.95, 10 \$15.00

VIBURNUM - - Shrub Aristocrats

Not only showy flower and fruit
but perfect in leaf and branch
too. Charming, tolerant.

VIBURNUM chenaulti (improved
Burkwood). 5 ft. Zone V. New hy-
brid. Fragrant pink blossoms in
May. Half-evergreen.
*2-inch pot 10 \$8.50, 100 \$65.00
2 to 3 ft.\$5.00 ea., 5 \$20.00

carlesii (Fragrant Viburnum). 5
ft. Zone IV. Delicious pink clus-
ters in May. Drain; keep moist
in summer. Sun, shelter. Fra-
grant, beautiful.

*6-12 in. S.....25 \$10.00, 100 \$30.00
2-3 ft.\$4.50 each, 10 \$35.00

carlocephalum. Zone IV. 7 ft.
Huge white snowballs in May.
New hybrid.

15-18 in.\$4.50 each, 3 \$12.00

dilitatum (Linden Vib.). 9 ft.
Zone V. Showy white, May. Red
fruit all winter.

*12 in. S 10 ppd. \$7.50, 100 \$40.00
4-5 ft.\$2.95, 10 \$22.00, 100 \$150

lantana (Wayfaring Tree). 15 ft.
Zone III. Bold, striking, fall col-
or. Fruits red, then black. Lime.
*6-12 in. S 25 \$6.00, 100 \$22.00
2-3 ft.\$2.00 each, 10 \$15.00

opulus (European Cranberry).
12 ft. Zone III. White, May. Fruit
and leaf red in autumn. Strong
bold effect. Very handsome.

*12-18 in. S 25 \$8.00, 100 \$25.00
1½-2 ft.....\$1.90 each, 10 \$15.00

WEIGELA rosea. 9 ft. Zone V.
May. Pink. Drainage.

*12-18 in.25 \$4.00, 100 \$12.00
2-3 ft. \$1.50, 10 \$9.00, 100 \$50

—**Eva Rathke.** Dark red blooms
in June, then sparsely to August.
2-3 ft. \$1.75, 10 \$13.50, 100 \$110

— **Vanicecki.** Bright red
blooms. June to August and
plenty of them. Splendid, new.

*9-12 in. X.....10 \$6.50, 100 \$40
2-3 ft.\$1.95 each, 10 \$15.00

Sargenti. 12 ft. Zone IV. Like V.
opulus, but freer of disease. Fine,
showy shrub.

3-4 ft. \$2.50, 10 \$18.00, 100 \$125

theiferum (Setigerum). 12 ft.
Zone V. Bright red autumn
fruit. Showy.

*8-12 in. S
10 ppd. \$6.50, 100 \$35.00
5-6 ft. \$3.75, 10 \$28, 100 \$200

—**auranticum**—form with bright
yellow fruit. Rare and fine.

2 yr. graft\$2.95, 10 \$25.00
2-3 ft.\$3.50 each, 10 \$28.00

tomentosum (Doublefile Vibur-
num). 10 ft. Zone IV. Horizontal
strings of snowy blooms in June.

*12-18 in. S 25 \$12.00, 100 \$45.00
2-3 ft.\$2.75 each, 10 \$18.00

— **mariesi.** Neater growth,
flowers at an earlier age.
Good.

*2¼ in. pot. 25 \$11.50, 100 \$35
2-3 ft.\$2.75 each, 10 \$18.00

— **plicatum** (Japan Snowball).
Form without fruit, but showier.
1½-2 ft.\$2.45 ea., 10 \$16.00

trilobum (American High-bush
Cranberry). 12 ft. Zone II.
Bright berries all winter. Fall
color.

*6-12 in. S 25 \$5.00, 100 \$15.00
2 ft. \$1.65, 10 \$13.50, 100 \$125.00

Wrighti. 9 ft. Zone V. Showy red
fruit in fall. Leaves turn crimson.

*8-12 in. S ..10 \$6.00, 100 \$35.00
4-5 ft. X\$3.00 each, 10 \$20.00

*=Young, unformed

x=Transplanted

BB=Ball of earth

(See page 11)



Viburnum Carlesii



Viburnum Opulus



Viburnum Tomentosum

Evergreens

ING ETS

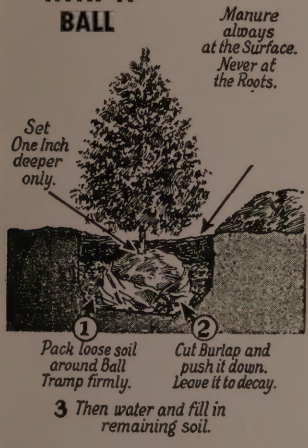


t bad steep be
inches apart
—gentler slopes
cept as noted
tions.



Photo: Our evergreens
planted in 1890 on Long
Island. Photographed 50
years later.

PLANTING EVERGREENS WITH A BALL



ABIES balsamea (Balsam Fir).
60 ft. Zone III. Dark, shapely
pyramid. Needs cool moist soil.

*4-6 in. X25 \$8.50, 100 \$25.00
*12-15 XX 10 for \$15.00, 100 \$95
2-2½ ft. BB \$7.50 each, 10 \$60.00

concolor (White Fir). 50 ft. Zone
IV. Dense pyramid silver green.
Drainage. Tolerant in cities.
Softest silver—almost white.

*4-6 in. S25 \$6.00, 100 \$19.00
*6-10 in. X 25 for 12.50, 100 \$35
2 feet BB\$12.00 each

douglasi (*pseudotsuga taxifolia*)
(Douglas Fir). 70 ft. Zone IV.
Evergreen tree. Handsome pyra-
mid. Prefers rich soil. Tolerant.

*4-6 in. X.....25 \$6.50, 100 \$20.00
*9-12 in. X..25 for \$12.50, 100 \$35
2-2½ ft. BB \$7.50 each, 10 \$65

SPACING EVERGREENS: Plants from 1
to 3 feet high should be spaced 3 feet
apart. Rearrange after 3 to 10 years.

PLANTING TIME: Later than most
plants. Cedars particularly in May,
rather than April.

CEDRUS deodara (Deodar Ce-
dar. 100 ft. Zone VI. Graceful
pyramid. Unusual foliage.

*12-inch S....10 \$9.00, 100 \$55.00
3-4 ft. BB.....\$12.00 each

Libani (Cedar of Lebanon).
90 ft. Zone V. Picturesque and
stately. Rare.

*6 in. pot \$6.00 ppd., 2 \$10.00
(See also page 9)

Atlantica (Mt. Atlas Cedar). 90
ft. Zone VI. Blue-green stately
pyramid. Scarce.

*4-8 in. S....10 \$6.50, 100 \$50.00
6 feet BB Specimens\$24.00

Baltic Ivy



Honeysuckle



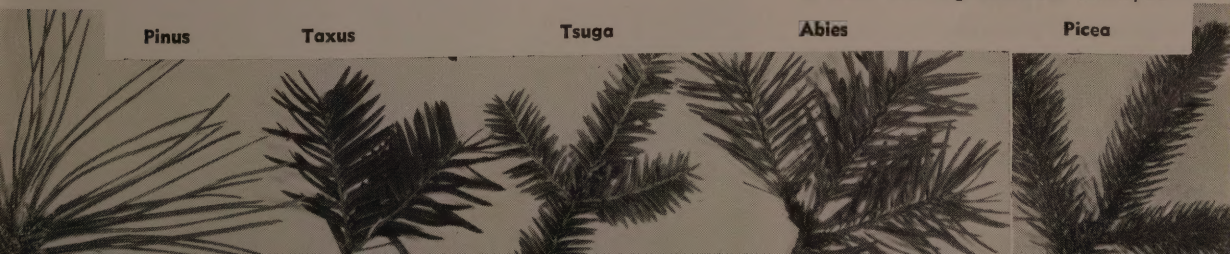
Pinus

Taxus

Tsuga

Abies

Picea



PLANTING A 6-FOOT TREE



HELP IN SEI

SHA TRE

ACER Negundo (B.
A. platanoides (Nor
A. rubrum (Red Ma
A. saccharum (Suga
BETULA alba (Birch
B. populifolia (Gray
B. papyrifera (Cano
CELTIS (Hackberry
FAGUS (Beech)
FRAXINUS (Ash)
GINGKO biloba
GYMNOCLADUS
PLATANUS (Sycam
P. acerifolia (Orient
POPULUS (Poplar
QUERCUS palustris
Q. coccinea (Scarlet
Q. rubra (Red Oak)
SALIX (Willow—me
TAXODIUM (Bald
TILIA (Linden—mo
ULMUS campestris
U. americana (Ameri
U. pumila (Siberian

Cornus florida flor

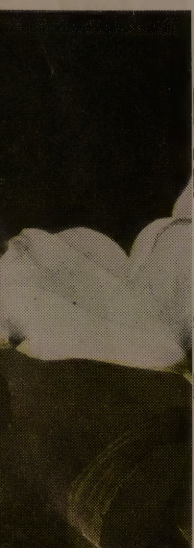


Photo: (5) filifera (12) obtusa nana.

Chamaecyparis

"Retinospora" (Japan Cypress).
Evergreen trees of easy culture.

filifera (Thread Cypress)—18 ft.
Stringy leaves. Compact broad
pyramid. Semi-dwarf. Unusual
appearance. Zone III.

*2¼-in. pot 2 pppd. \$3.00, 10 \$9.00
2-2½ ft. BB\$9.50 each

Nootkaensis glauca compacta.
Zone IV. 4 ft. Very silver foli-
age. Dwarf, rare, useful.

*2¼ in. pot 2 \$4 pppd., 10 \$15

—**Squarrosa pygmaea.** Dwarf
form, about 6 ft. Silver foliage.
Zone VI.

*2¼ in. pot 10 \$9.50, 100 \$70.00
6 in. BB\$4.50 each, 10 \$38.00

—**Cyano viridis.** Blue, as in Kos-
ters Spruce. Compact bush.

*8-10 in. X 10 for \$9.50, 100 \$75
2-3 ft. BB\$7.50, 10 \$65.00

—**Obtusa nana** (Dwarf Hi-
noki). A 5 ft. dwarf that looks
ancient when it is born. Ex-
cellent in rock gardens.

*8-10 in. pots....2 \$4.25, 5 \$7.50

—**Plumosa Gold-Dust.** 25 ft.
Good yellow color at tips. An in-
teresting tree.

*10-12 in. X....10 \$9.50, 100 \$60
4 ft. BB....\$7.50 each, 10 \$65.00

Cryptomeria

—**japonica Yoshino.** Compact,
30 ft. Good narrow pyramid.
Extra hardy form.

*3-in. pot. 2 \$2.95, 10 \$10.00

Juniperus

Evergreens that like
well-drained soil in full
sun. See also pages 8
and 10.

sargentii (Sargent).
3 ft. Zone IV. Flat,
spreading. Color
grass green, a neat
plant.

15-18 in. BB

\$9.50 ea., 10 \$80.00

Sabina. 5 ft. Zone
IV. Good vase -
shaped bush. Grows
in any soil. Very
useful evergreen.

9-12 in. XX

10 \$17.50, 100 \$110

15-18 in. BB

\$5.50 ea., 10 \$40.00

Squamata Parsoni
(Parsons Juniper).
1 ft. Zone IV. Inter-
esting bluish foliage.
Spreading.

*2¼ in. pot

2 pppd. \$2.50, 10 \$7.50

PHOTO
BELOW:

Top row: Junipers Sargentii,
communis depressa, virginia-
ana, virginiana glauca.

Bottom row: Sabina, Andora,
excelsa stricta, com-
munis hibernica, procum-
bens, pfitzeriana.



chinensis pfitzeriana (Pfitzer
Juniper). 6 ft. Zone IV. Gorgeous
bush, a cloud of silver in spring,
then bright green. Spreads pic-
turesquely. Stands soot, smoke,
and drought in city plantings.

*4-6 in. X....10 \$6.50, 100 \$45.00

*2¼ in. pot....10 \$8.50, 100 \$65.00

*12-15 in. XX 10 \$20.00, 100 \$130

12-15 in. PB (pg. 10) 2 pppd. \$5.95

18-24 in. BB \$6.50 each, 10 \$50.00

Pfitzer aurea (Golden Pfitzer)
A form with bright yellow tips.

*12 in. X....2 \$2.75, 10 \$12.00

*12 in. XX..10 \$20.00, 100 \$160

18 in. BB\$7.00 each, 10 \$60

pfitzer hetzi. Vigorous variety
with blue-silver color. Fine. New.
Better growing habit than
Pfitzer.

*4-6 in. X....10 \$6.50, 100 \$50.00

*9-12 in. XX..10 \$15.00, 100 \$125

1½ ft. BB..\$6.00 each, 10 \$50.00

communis hibernica (Irish Juni-
per). 15 ft. Zone III. Green col-
umn. Popular. This makes a fair
substitute for the thin spires of
true Cypress.

*8-10 in. X....10 \$8.00, 100 \$55.00

*9-12 in. XX..10 \$9.00, 100 \$65.00

2 ft. BB.....\$5.50 each, 10 \$45.00

CRYPTOMERIA—See page 9

JUNIPERUS (Cont.)

horizontalis (Creeping Savin). 2 ft. Zone II. Flat spreading, covers large areas.

*4-6 in. X...10 for \$6.50, 100 \$45

—**Bar Harbor**. Famous but scarce. Very dense and neat.

*2¼ in. pots 10 \$8.50, 100 \$50.00

—**plumosa** (Andorra Juniper). A dense, low mat, with soft crested plumes, purple in winter.

*2¼ in. pot.10 \$7.50, 100 \$55

*12-15 in. XX 10 \$16.50, 100 \$125

18-24 in. BB \$7.50 each, 10 \$60.00

—**Douglasi** (Waukegan Juniper). Dense low mat of steel blue.

*2-inch Band12 ppd. \$6.50

*9-12 in. XX....25 \$25.00, 100 \$85

12-15 in. BB \$6.75 each, 10 \$55.00

excelsa stricta (Greek Juniper). 6 ft. Zone V. Blue, stiff, fat pyramids. A fine dwarf, very neat, but rather formal.

*4-6 in. X...10 \$6.50, 100 \$45.00
12-18 in. BB \$4.75 each, 10 \$40.00

Virginiana (Native Red Cedar). 30 ft. Zone II. Prefers a loose soil. Usually a dark green pyramid. This is best used in masses. Easily grown. Should be sheared.

*6-12 in. S...10 \$3.50, 100 \$25.00

*12-18 in. X10 \$6.00, 100 \$40

3-4 ft. BB \$10.00 each, 5 \$45.00

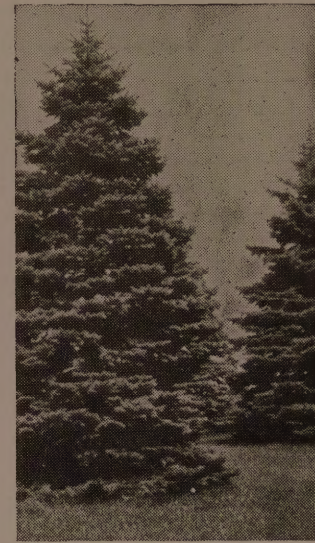
—**Cannarti**. Rich green. Shapely.

—**Hilli**. Dark, pyramidal, bushy.

—**Ketecleri**. Dark, pyramidal.

Any of above 3 varietal forms—
2 ft. BB.....\$6.75 ea., 10 \$60.00

Evergreens



Colorado Blue Spruce

it bad steep be
inches apart
—gentler slopes
cept as noted
tions.



Baltic Ivy



Honeysuckle

Picea (the Spruces)

abies — “**excelsa**” (Norway Spruce). 80 ft. Zone II. A dark green, drooping pyramid. Shallow roots enable planting on thin soils. Enormously popular.

*6-9 in. X.....25 \$6.50, 100 \$20.00

*12 in. XX....10 \$12.00, 100 \$95.00

2-2½ ft. BB \$5.50 each, 10 \$48.00

glauca (**alba**) (White Spruce). 80 ft. Zone II. Quick-growing and shapely. Generally more satisfactory than Norway.

*9-12 in. X 25 \$7.00, 100 \$20.00

*12-15 in. XX 10 \$13.00, 100 \$95

1½-2 ft. BB \$5.50 each, 10 \$47.50

—**g. densata** (Black Hills). 20 ft. Zone III. Better suited to dry climates than White Spruce. A majestic bushy pyramid.

*6-9 in. X....25 \$6.50, 100 \$20.00

*9-12 in. XX 10 \$13.50, 100 \$95.00

12 in. PB (p. 10) 2 for \$5.95 ppd.

—**g. conica** (Dwarf Alberta). Miniature in height and leaf. 6 ft. Zone III. Tiny and slow. Probably the best true dwarf conifer.

*(pot) 4-6 in. 10 \$12.00, 100 \$75

12-15 in. BB.....\$7.25, 10 \$65.00

These evergreens are easily grown in normal garden soil. Full sun. See page 9 for other dwarf spruces.

pungens (Colorado Spruce). 80 ft. Zone II. Best spruce for dry climates. Very tolerant. Varies from green to silver as offered here (mostly green).

*6-9 in. X25 \$9.00, 100 \$28.00

12-15 in. XX 10 \$19.00, 100 \$125

—**pungens glauca**. Selected blues. Not as good color as grafted, but good. Color does not show in smaller plants.

12-15 PB (page 10) 2 ppd. \$5.95

18 inch. BB \$10.00 each, 10 \$85.00

—**p. kosteri** (Koster Blue). Grafted Blue Spruce. Bluest of all known spruces. Only small plants this year.

1 yr. graft. 2 \$6.50, 10 \$27.50

2 yr. graft 2 \$8.50, 10 \$35.00

3 yr. graft\$7.50 each

—**p. Moerheim**, perhaps a better blue. Same prices as Koster.

LIBOCEDRUS decurrens (Incense Cedar). 100 ft. Zone V. Tall, narrow.

1½-2 ft. S ppd.\$3.50

PLANTING
A 6-FOOT
TREE



HELP IN SEI

SHA TRE

ACER Negundo (B.
A. platanoides (Nor
A. rubrum (Red Ma
A. saccharum (Suga
BETULA alba (Birch
B. populifolia (Gray
B. papyrifera (Cano
CELTIS (Hackberry
FAGUS (Beech)
FRAXINUS (Ash)
GINGKO biloba
GYMNOCLADUS
PLATANUS (Sycam
P. acerifolia (Orient
POPULUS (Poplar
QUERCUS palustris
Q. coccinea (Scarlet
Q. rubra (Red Oak)
SALIX (Willow—mo
TAXODIUM (Bald
TILIA (Linden—mo
ULMUS campestris
U. americana (Ameri
U. pumila (Siberian

Cornus florida flor

Pinus (the Pines)

Pines vary in size and shape but are alike in one thing—all thrive in windy exposed locations.

Cembra (Swiss Stone-Pine) 70 ft. Zone III. Slow growth, dense and handsome column. 1 yr. graft. 2 ppd \$5.00, 10 \$20

montana mughus (Mugho). Zone II. 3 ft. Broad, low bushy.

*4-6 in. X....25 \$7.00, 100 \$25.00
*6-8 in. X 25 \$10.00, 100 \$30.00
*9-12 in. XX 10 \$13.00, 100 \$95.00
12 in. PB (p. 10)2 ppd. \$5.95
12-15 in. BB \$6.75 each, 10 \$45.00

nigra (Austrian Pine). 70 ft. Zone IV. Compact for a large tree. Neat. Likes lime. Seashore but not on the water.

*9-12 in. X....25 \$8.50, 100 \$30.00
*9-12 in. XX....10 \$12.00, 100 \$75
12 in. PB (page 10) 2 ppd. \$5.95
2-3 ft. BB \$6.75 each, 10 \$60.00

resinosa (Red or Norway Pine). 80 ft. Zone II. A fine native with long dark needles and spreading habit. Very easily grown. Few insect pests. Most popular.

*3-5 in. X....25 \$6.00, 100 \$20.00
*12 in. X25 \$15.00, 100 \$50.00
*12-18 in. XX 10 \$13.50, 100 \$95

ponderosa (Western Yellow Pine) —20 ft. Zone V. Huge tapered pyramid.

*6-9 in. S25 \$5.00, 100 \$18.00
*12-18 in. X 25 \$15.00, 100 \$55.00

strobis (White Pine). 90 ft. Zone III. The noblest native evergreen. Prefers rich soil. Light green needles, soft and dense.

4-6 in. X25 \$6.50, 100 \$20.00
12-18 in. BB (bushy, collected)
..... 10 \$13.50, 100 \$110.00
2-3 ft. BB \$6.50 each, 10 \$55.00
4-5 feet BB\$9.00 each

—**nana** (Dwarf White Pine)
Very compact dwarf. Fine.

1 yr. graft2 ppd. \$5, 10 \$20

(See also page 9)

sylvestris (Scots Pine). 90 ft. Zone II. Large, stately tree. Useful for sandy, barren soils, but grows tall in gardens. Prefers acid. Popular in small sizes for forest plantings.

*6-9 in. X....25 \$5.50, 100 \$18.00
*12-18 in. X 25 \$10.00, 100 \$35.00
2-3 ft. BB \$6.00 each, 10 \$55.00

—**Wateri** (See page 9)

The Sea-Shore Pine

thunbergi. 60 ft. Zone IV. Picturesque, branching, as seen in Japanese prints. Stands salt spray. Fine tree.

*2 years S25 \$7.00, 100 \$50
*10-15 in. XX. 10 \$22, 100 \$175
18-24 in. BB \$6.00 ea., 10 \$50

PSEUDOTSUGA (See Abies Douglassi page 31.)

RETINOSPORA (See chamaecyparis page 32)

TAXUS (See pages 36-37)



SCIADOPITYS verticillata (umbrella pine) 100 ft., but slow growing. Zone V. Dense pyramid. Long needles, in ray formation.
*4-in. pot. \$2.95 each
(10 for \$20.00)



Photo of Pines

6. Cembra (Stone pine)
7. Nigra (Austrian pine)
11. Strobis (White Pine)
12. Montana Mughus (Mugho)
13. Sylvestris (Scots pine)
14. Resinosa (Red or Norway pine)



Photo left:
Weeping Hemlock
(Sargentii)

Evergreens

ING ETS

at bad steepes be
inches apart
—gentler slopes
except as noted
tions.



Pyramid Arborvitae



American Arborvitae



Northern Hemlock, young specimen

Tsuga— the Hemlock

A noble tree. One of the most useful of all evergreens. Dry or wet soils, sun or shade.

Canadensis (Northern Hemlock). 60 ft. Stands shade. The most beautiful native evergreen. Zone IV.

*8-12 in. S....25 \$4.50, 100 \$12.50
*4-7 in. X....25 \$7.50, 100 \$25.00
*12 in. XX..25 \$22.00, 100 \$80.00
*15 in. XX 25 \$35.00, 100 \$130.00
2 ft. BB....\$7.25 each, 10 \$60.00
3-4 ft. BB\$9.50, 10 for \$85.00

—**Sargentii** (Weeping Dwarf). Very useful, low and wide.
2 1/4 inch pots2 \$5.00, 10 \$15
*1 year graft, \$3.00, 10 \$27.50
*2 year graft, \$4.00, 10 \$35.00

caroliniana (Carolina Hemlock). 50 ft. Zone IV. Damp, acid preferred. Dense. Striking shadows. Drooping.

*12 inch S....25 \$6.00, 100 \$18.00
12-18 in. BB \$6.50 each, 10 \$55.00
18-24 in. BB\$8.50 each

Special Hemlock Offer

Hemlocks naturally make compact root systems if grown in soft humus. We can dig nice shapely young native (collected) bushy plants with a ball of earth, that will give satisfaction and grow into fine specimens. Express runs about 25 cents a plant, paid on arrival. Two kinds, both 8 to 12 inch BB.

TSUGA canadensis

TSUGA carolina

	(10)	(25)	(100)
	\$13.50	\$30.00	\$110.00

*=Young, unformed
x=Transplanted

BB=Ball of earth

(See page 11)

THUJA. Grows in any good soil, **Occidentalis** (American Arborvitae). 30 ft. Zone II. Pyramidal tree with dense, frond-like, evergreen leaves, popular.

*8-12 in. X....25 \$6.50, 100 \$25.00
*12-15 in. XX 10 \$15.00, 100 \$95
2-3 ft. BB....\$5.95 each, 10 \$45.00

—**globosa** (Globe AV). 5 ft. Zone II. Good green dwarf. Does not grow out of bounds.

*5-8 in. X....25 \$15.00, 100 \$50.00
*8-10 in. XX 10 \$18.00, 100 \$125
12-15 in. BB \$4.50 each, 10 \$35.00

—**Little Gem**—2 ft. Zone II. Really dwarf — hugging the ground. Rock-garden plant. Dark green.

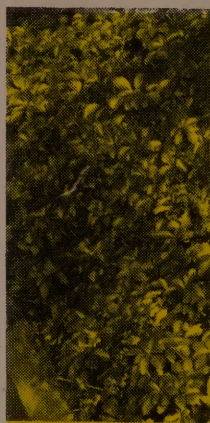
*2 1/4 in. pot, 10 \$8.50, 100 \$60
18 to 24 in. B&B
.....\$8.00 each, 10 \$70.00

—**pyramidalis** (Pyramidal). 25 ft. Zone II. This is perhaps the best tall form of American Arborvitae. Formal, narrow hedges.

*4-6 in. X10 \$5.50, 100 \$35.00
*12 in. XX 10 \$18.00, 100 \$120.00
12 in. PB (page 10)....2 ppd. \$5.95
2-3 ft. BB\$6.00 each, 10 \$47.50



Baltic Ivy



Honeysuckle



PLANTING
A 6-FOOT
TREE

Taxus -- The Yews

New Vertical Yews

SENTINALIS (Sentinel Yew. Very narrow, 12 ft.

FLUSHING 15 ft. compact column. Dark green.

ROBUSTA 20 ft. Compact column. Very striking.

PYRAMIDALIS (Pyramid Yew). Fast growing to 15 feet. Dark green.

GRANDIFOLIA (Bingleaf Yew). Needles enormous. 12 ft. Narrow column.

STRICTA (Narrowbush). Slow, to 6 feet. Compact.

VERIDIS (Grassgreen Yew). Same as Stricta, but bright green.

3-inch pots. Postpaid.

6 assorted for\$10.50

6 one kind for\$ 9.50

9-12 in BB (Exp.)

Any 5\$28.50

The all purpose evergreen! Hardy, immune from most pests, withstands shade or full sun. Dark green at all seasons.

baccata adpressa (English Dwarf Yew). 5 ft. Zone VI. upright dwarf. (each) (10) (100)
*8-10 in. X \$9.00 \$75.00

—**repandens** (Creeping English Yew). 3 ft. Zone V. Very slow and hugging the ground. Dense nature. Rock garden.

*8-10 in. X\$ 9.75 \$75.00
12 in. BB \$6.95 \$65.00

Canadensis—(Canada Yew) 2 ft. Zone II. Open growing, dwarf. Good ground covering. Shade.

*6-12 in. S 10 \$3.75, 100 \$20.00

Hunnewelliana (Hybrid American Yew). Canadensis crossed by cuspidata. 6 ft. Zone II. A pyramid of dark green, neat. Very hardy, but browns in winter.

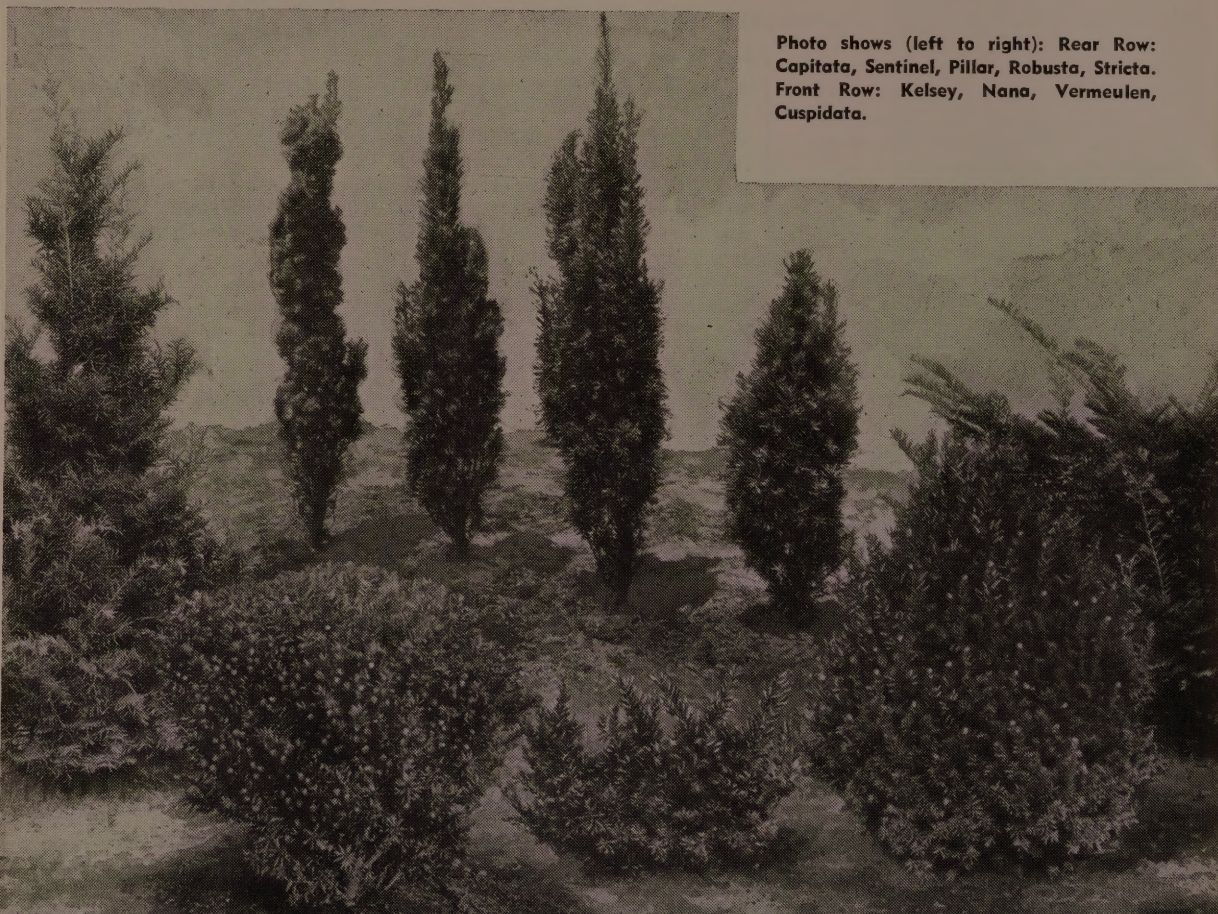
*12-15 in. X 2 ppd. \$3.50, 10 \$12

Collection Dwarf Yew All 8 to 10 inch transplanted, heavy little trees, Roots packed in damp moss. Four different named kinds our selection, but all lowgrowing (Such as nana, Hilli, Hicks, Vermeulen, etc.)

2 each (8 plants) \$9.75 ppd.

5 each (20 plants) \$18.00 ppd.

Photo shows (left to right): Rear Row: Capitata, Sentinel, Pillar, Robusta, Stricta. Front Row: Kelsey, Nana, Vermeulen, Cuspidata.



SHA TREE

HELP IN SEI

ACER Negundo (Boxelder)
A. platanoides (Norway Spruce)
A. rubrum (Red Maple)
A. saccharum (Sugar Maple)
BETULA alba (Birch)
B. populifolia (Gray Birch)
B. papyrifera (Canada Birch)
CELTIS (Hackberry)
FAGUS (Beech)
FRAXINUS (Ash)
GINGKO biloba (Ginkgo)
GYMNOCLADUS (Gymnocladus)
PLATANUS (Sycamore)
P. acerifolia (Oriental Bittersweet)
POPULUS (Poplar)
QUERCUS palustris (White Oak)
Q. coccinea (Scarlet Oak)
Q. rubra (Red Oak)
SALIX (Willow—many species)
TAXODIUM (Bald Cypress)
TILIA (Linden—many species)
ULMUS campestris (Common Elm)
U. americana (American Elm)
U. pumila (Siberian Elm)

Cornus florida flor

TAXUS CUSPIDATA (Japanese Yew)

(Each) (10) (100)
cuspidata capitata (Upright Yew). The natural form. Trees to 40 ft. The best type hedge Yew for all general purposes.

*8-10 in. X	9.00	60.00
*9-12 in. XX	16.00	130.00
*12-15 in. XX.....	22.00	150.00
2 ft. BB	9.00	75.00

cuspidata (Spreading). Commonly offered as "cuspidata." 6 ft. Zone III. A spreading open bush.

*4-6 in. X	6.00	40.00
*8-10 in. X	9.50	60.00
*10-12 in. XX	15.00	120.00
*12-15 in. XX	19.00	160.00
12 in. PB (p. 10)	(2 ppd. \$5.95)	
12 in. BB.....	6.50	60.00 500.00

—**Jeffreyi** (Jeffrey's Pyramidal Yew). A fine plant. Very narrow and upright in growth. One of the best of the column types.

*4-6 in. X	6.00	45.00
*10-12 in. X	12.00	85.00
12 in. BB	6.50	60.00 500.00

(Each) (10) (100)
 —**nana** ("Brevifolia") (Dwarf) 4 ft. Zone III. Slow growing, spreading, dense dark foliage. Picturesque. Substitute for Dwarf Boxwood.

*4-6 in. X	6.00	45.00
*10-12 in. X.....	12.00	85.00
12 in. BB	7.00	60.00 500.00

—**nana Pyramidalis Hilli**. Same type foliage as c. nana but grows erect. A fat little pyramid.

*6-8 in. X	7.50	55.00
*10-12 in. X	12.00	85.00

—**vermeulen** (Upright Brevifolia). 12 ft. Zone III. New. Compact and dense. Broad base and narrow top. Beautiful pyramid with more red berries than most. Short needles.

*4-6 in. X	6.00	45.00
*8-10 in. X.....	9.00	65.00
*9-12 in. XX.....	15.00	120.00
15 in. BB	7.50	65.00

TAXUS MEDIA (Hybrid Yew)

(Each) (10) (100)
 —**media Hatfieldi** (Hatfield's Yew). 12 ft. Zone IV. A compact cone in outline. The branches are upright. Full of character.

*4-6 in. X	6.50	45.00
*6-8 in. X	8.00	60.00
12-15 in. BB ..	6.50	60.00

—**m. Andersoni**. A wide vase-shaped form. Zone V.

*4-6 in. X....	6.00	45.00
*12-15 in. X	12.00	95.00
15-18 in. BB..	7.50	65.00

—**m. Browni**. A dense and compact form. Zone V. Easily pruned.

*4-6 in. X	6.00	45.00
*8-10 in. XX.....	15.00	125.00
15 in. BB	7.50	65.00

—**m. Hicksi** (Hicks). 7 ft. Zone V. Strong, fat upright shrub. Fine hedge. Good berries.

*6-8 in. X	7.00	50.00
*12-15 in. X.....	12.00	95.00
*8-12 in. XX..	15.00	120.00
12 in. PB (page 10) (2 ppd. \$5.95)		
24 in. BB	8.50	70.00

(Each) (10) (100)
 —**m. Kelseyi** (Berrybush). 8 ft. Zone IV. Our introduction 1936 and attracting favorable comment everywhere. Recommended for its wealth of red berries in autumn. Bears young and grows slowly. A dense, full bush. Needles like the Dwarf Yew. Still scarce.

*4-6 in. X.....	8.50	55.00
*10-12 in. X..	12.00	90.00
*8-15 in. XX	16.00	135.00
15-18 in. BB	7.50	65.00

—**m. Moon's Columnaris**. Fine narrow, tall grower. 12 ft. Zone V.

*4-6 in. X.....	6.50	45.00
*12-15 in. X.....	12.00	95.00
18-24 in. BB	8.75	80.00

—**m. Wellesleyana**. 6 ft. Zone IV. Dense broad column. Dark shiny foliage.

6-8 in. X	7.50	45.00
*12-15 in. X	12.00	95.00

Evergreens

ING
ETS



A Yew's Babyhood

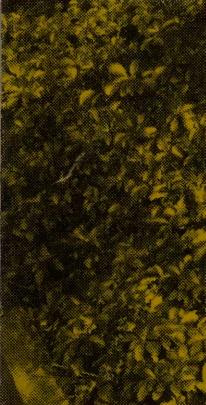
GROWTH OF UPRIGHT YEW IN PHOTOS

Upright Yews take time and cost money to grow, but are worth it. Once well started they grow fast.

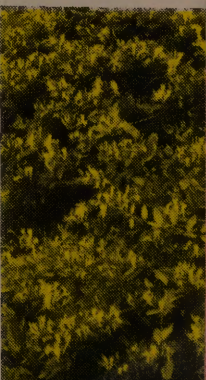
8 years old (18" BB)



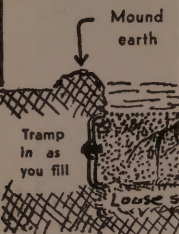
Baltic Ivy



Honeysuckle



PLANTING A 6-FOOT TREE



HELP IN SEI

SHA TRE

ACER Negundo (Be
A. platanoides (Nor
A. rubrum (Red Ma
A. saccharum (Suga
BETULA alba (Birch
B. populifolia (Gray
B. papyrifera (Cano
CELTIS (Hackberry)
FAGUS (Beech)
FRAXINUS (Ash)
GINGKO biloba
GYMNOCLADUS
PLATANUS (Sycam
P. acerifolia (Orient
POPULUS (Poplar
QUERCUS palustris
Q. coccinea (Scarlet
Q. rubra (Red Oak)
SALIX (Willow—mo
TAXODIUM (Bald
TILIA (Linden—mo
ULMUS campestris
U. americana (Amer
U. pumila (Siberian

Cornus florida flor

Deciduous Azaleas

Arborescens. 9 ft. Zone IV. Fra-
grant white, July.

*12-15 in. X...2 ppd. \$3.95, 10 \$15

Calendulacea. 9 ft. Zone V, flame
colored bloom, May.

*6-8 in. X...2 ppd. \$2.50, 10 \$8.50

8-12 in. BB 5 \$8.00, 100 \$140

Canadense (Rhodora). 3 ft. Zone
II. Purple, April. Moist, acid. The
hardest. (Collected carefully.)

*8 in. X10 \$12.00, 100 \$90.00

12 in. BB5 for \$12.00

Exbury Hybrids. Zone V.
Showy new strain. Mixed.

*4-6 in. X 2 ppd. \$2.50, 10 \$7.50

*2¼ in. pot. 5 \$6.50, 100 \$50

Japonica. 6 ft. Zone IV. Orange
to flame in May. Very hardy.

*6-8 in. X. 2 ppd. \$2.75, 10 \$9.50

Knaphill Hybrids. 3 to 5 ft. Zone
VI. Noted for wonderful colors,
perfume, Autumn foliage. Mixed
seedlings.

*4-6 in. X 2 ppd. \$2.50, 10 \$7.50

*2¼ in. pot..... 5 \$6.50, 10 11.50

Mollis (Chinese Azalea). 2 to 5
ft. Sun, acid, loose. Zone V. Easy
to grow. May. Mixed colors:—

2¼ in. pots5 for \$6.50 ppd.

*6-10 in. X 2 ppd. \$2.75, 10 \$9.50

Mucronulatum. April, Purple.
Zone IV. The earliest Azalea.

*6-8 in. X...2 ppd. \$2.50, 10 \$10

12 in. (4 in. pot) \$3.50, 10 \$30.00

Nudiflora (Pinxterbloom)—6 ft.
Acid, humus, loose. Pinkish or
white in late May. Zone IV.

*12 inch X 2 ppd. \$3.95, 10 \$12.00

Prunifolia. 9 ft. Zone VI. Scar-
let, June. Rare native.

*3-4 inch. 2 ppd. \$2.75, 10 \$9.50

Rosea. 9 ft. Zone III. Dark pink
in May. Better than nudiflora.
*6-10 in. X 5 \$5.50, 100 \$90.00

12 in. clumps (Coll.) 5 for \$18.50

Serrulata. Zone VI. 15 ft., native,
rare. White. Very fragrant.

*8 in. X. 2 ppd. \$3.50, 10 \$12.00

Viscosa—White, June. Zone III.
5 ft. Loves damp soil.

*2 in. pot10 \$7.50, 100 \$50.00

*8-12 in. X 2 ppd. \$2.75, 10 \$7.50



DWARF TYPES of AZALEAS make excellent rock-garden plants.
We suggest—Maxwelli, Gumpo, Sherwood Red, Macrantha.

8 June-blooming EVERGREEN Azaleas

Here is a selection that extends the season. Try them!

Susan. Late salmon-pink. Zone IV.

"H-12-G." Bright scarlet, double, late bloomer. Fine.

Pink Rosette. Double red-pink. Zone V.

Beni-Kirishima—low, spreads. Zone V. Double old rose. June.

Gumpo. Very dwarf. Zone VI. Huge frilled pure white.

Macrantha. Zone V. Low, broad, evergreen. Salmon-red, June.

Macrantha flora plena. Double red, late June. Zone VI.

*3 year X5 one kind \$7.50, 5 mixed \$8.50 ppd.
12-15 inch BB\$4.50 each, 10 for \$39.00

(Small size only in Gumpo or Beni-Kirishima)

GLENDALE HYBRIDS

Here are some of the
best of this new breed.
Hardiness. Zone VI.
(Possibly some hard-
ier.)

GLACIER—clear white
with greenish cast.

**MARTHA HITCH-
COCK**—large white,
lavender edge.

PARADISE—Fine sal-
mon-pink, late April.

TREASURE—very fine
white. Showy. Faithful.

*3 yr. X 5 ppd. \$7.00
12-18 in. BB \$5.00 ea.

KAEMPFERI AZALEAS

Kaempferi (Torch Azalea). Zone
IV. 8 ft. Red to orange. May.
Only semi-evergreen.

*2 yr. S....10 for \$5.00, 100 \$25.00

*3-inch pots6 for \$8.50

—**Atalanta.** Large, light purple.

—**Cleopatra.** Tall. Early pink.

—**Gretchen.** Large. Mauve.

—**Oberon.** Tall. Soft pink.

Any one of above 4 varieties:

*2 in. pot....5 for \$5.50, postpaid

10-15 in. BB\$4.95, 10 \$45.00

Evergreen

AZALEAS

Amoena. 4 ft. Almost a species.

—**coccinea.** Red flower. Zone V. Hardy dwarf.

*3 yr. XX 5 ppd. \$7.50, 100 \$90.00

Hexe. Dwarf plant. Late, large red blooms. Fine.

*4 yr. X 2 ppd. \$4.00, 10 \$15.00

Kurume (Japanese Evergreen). 2 to 4 ft. Acid, humus, various colors in May. Zone VI. These are fine dwarf evergreens.

—**Addy Wery.** Blood-red. Nov.

—**Coral Bells.** Shell-pink.

—**hinodegiri.** Brilliant red. Covered with flowers.

—**Hershey's Salmon.** Fine double bloom.

—**Sherwood Red.** Zone V. Dwarf, compact. Brilliant color.

—**Snow.** Fine dwarf with pure white double large blooms.

—**Sweetbriar.** Faithful rose-pink.

Any of above 7 kinds priced:—

*3 yr. XX 5 ppd. \$6.50, 100 \$90
12-15 in. BB \$4.95 ea., 10 \$40.00

Maxwelli. Zone VI. Clear dark red, late May. Large blooms.

*3 yr. XX5 for \$7.50 ppd.
18-24 in. BB\$7.50 each

Palestrina (Vuyk) Fine tall white, May. 6 ft.

*3 yr. XX.....5 for \$9.25, 25 \$30
15-18 in. BB....\$5.75, 5 for \$25.00

Ledifolia (mucronatum). Evergreen, 6 ft. Bushy. Acid, humus, loose. Late May. Zone (V), VI. Handsome, dense.

—**alba.** White against dark green. Fine plant.

—**Delaware Valley White.** The same, but hardier. (Photo page 8) Any one of above 2 kinds:

*4 yr. X....2 ppd. \$4.00, 10 \$15.00
12-15 in. BB \$4.95, 5 \$19.00

Gayest and brightest of all flowering plants. Grow best in sun or light shade. Given ordinary garden soil, Azaleas will succeed provided acid conditions exist. All kinds listed here are evergreen except those specially noted below.

GABLE HARDY AZALEAS

These hybrids have been made in the effort to originate a hardier strain of the Japanese type of Azalea, keeping form and color. Live, bloom in Zone V.

Boudoir. Large watermelon pink.

Carol. Bright pink, double.

Corsage. Large orchid. Popular.

Elizabeth. Late, rose pink.

Forest Fire. Grand flame-red.

Fringed Beauty. Single pink.

Herbert. Dark crimson-purple.

Jesse Coover. Good dark pink.

Linda Ann. Very good double pink.

Purple Splendor. Best purple.

Rose Greeley. Low white.

Rosebud. Double pearly pink.

Stewartstonian. Fine new red, faithful bloomer, enormous demand. Maybe best red.

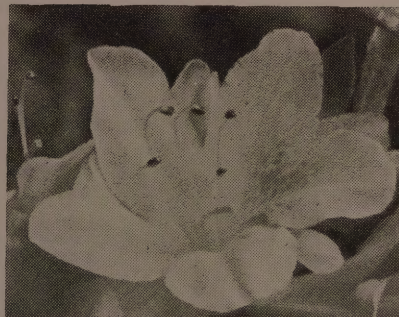
Any of above 13 kinds, 3 yr. XX bushy, 5 assorted \$8.75; 5 one kind \$7.50.



Above: A. Rose Greeley

Right: A. Hinocrimson

Below: A. macrantha



AZALEAS and other BROADLEAF EVERGREENS WITH BALL



No fertilizer—little or no pruning. Mulch with leaves after planting. Water well.

Azalea HINOCRIMSON

A better, hardier Hino-degiri. Large, crimson-red, clean color, does not fade. Fragrant. Zone V. Probably the best hardy evergreen Azalea.

*3 yr. XX....5 for \$7.00
25 \$20.00

10 in. BB \$4.50, 5 \$20.00

15 in. BB \$6.50, 5 \$25.00

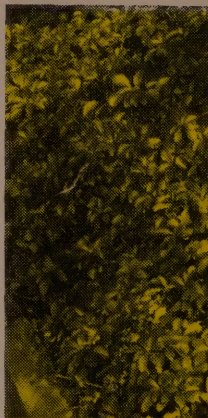


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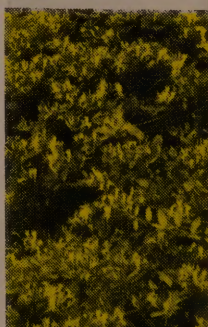
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inches apart
—gentler slopes
cept as noted
tions.



Baltic Ivy



Honeysuckle



PLANTING
A 6-FOOT
TREE

Native ARISTOCRATS



Leucothoe catesbaei
White, May, ZONE V, spreads.



Kalmia latifolia. (Mt. Laurel)
Pink-white. June, ZONE III, 8 ft.



Rhododendron catawbiense
Purple, June, ZONE V, 10 ft.



Rhododendron maximum
White, July, ZONE III, 15 ft.



Rhododendron carolina
Pink, May, ZONE V, to 8 ft.



Easy to Plant and Care for

American evergreen shrubs that will in a few years, with little care, become \$10 specimens. Note low prices below. Plant April, May and June. Mulch with old leaves and soak heavily.

AS SMALL AS SAFE TO SHIP 8-12 inch seedlings with ball

This special "Young Aristocrat" grade measures 8 to 12 inches dug with a little earth left on roots, but not burlapped. Plants weigh about one pound only. This stock is not to be compared for a minute with ordinary collected plants. It is, on the contrary, all carefully dug, the greatest pains being taken to preserve the roots. Carefully packed, it is easily planted and makes a quick start. Shipped from North Carolina, express runs only 8c each (in 100 lots).

Rhododendron	(25)	(100)
maximum	\$14.00	\$49.50
catawbiense	18.00	65.00
carolina	18.00	65.00

Leucothoe		
catesbaei	15.00	55.00

Kalmia (Mountain Laurel)		
latifolia	15.00	55.00

OFFER A

2 each above, 10 plants for \$10.50, postpaid.

OFFER B

5 each above, 25 plants \$17.50 (express about \$3.00).

AS SMALL AS LOOKS SHAPELY. 8 to 12 in. B&B. Clumps, 4 to 6 Stems.

These "Junior Specimens" weigh about 3 to 5 pounds per plant, individually burlapped. They are 2 years older than above. Express runs about 25 cents per plant. You can expect some blooms the year after planting. These really "look like something" the day they are planted.

Rhododendron	(10)	(25)	(100)
carolina	\$16.50	\$39.00	\$132.00
catawbiense	16.50	39.00	132.00
Maximum	14.50	32.00	120.00

Kalmia (Mountain Laurel)			
latifolia	14.50	32.00	120.00

Leucothoe (Fetterbush)			
catesbaei	14.50	32.00	120.00

OFFER C

1 each of these five plants for \$10.50 postpaid.

OFFER D

5 each of above, 25 plants for \$35 (express about \$5).



1 1/2 foot clumps B&B.
(Photo above: On arrival)

Most are budded for at least some immediate bloom. Large enough to use at once for foundations, shrub borders. Allow about 3 ft. space, which they will fill within next few years. \$6.00 each, singly. Any five from this page for \$20. (Express costs about \$3.00 for 5 plants.)



Berberis juliana
Camellia sasanqua



HELP IN SE

**S H A
T R E**

ACER Negundo (Be
A. platanoides (Nor
A. rubrum (Red Ma
A. saccharum (Suga
BETULA alba (Birch
B. populifolia (Gray
B. papyrifera (Canoe
CELTIS (Hackberry)
FAGUS (Beech)
FRAXINUS (Ash)
GINGKO biloba
GYMNOCLADUS (C
PLATANUS (Sycamore
P. acerifolia (Oriental
POPULUS (Poplar)
QUERCUS palustris
Q. coccinea (Scarlet)
Q. rubra (Red Oak)
SALIX (Willow—many
TAXODIUM (Baldpate
TILIA (Linden—many
ULMUS campestris
U. americana (American
U. pumila (Siberian)

Cornus florida flor

t bad steep be
inches apart
-gentler slopes
cept as noted
tions.



(Bottom) *Osmanthus*, *laurocerasus*, *Viburnum rhytidophyllum*, *Mahonia*, *Rhododendron Carolina*, *Catawbiense*, *maximum*, *Kalmia*. (Top row) *Pyracantha Lalandi*, *Cotoneaster salicifolia*, *Pieris floribunda*, *P. japonica*, *berberis Juliana*, *Euonymus patens*.

Broadleaf Evergreens

BERBERIS Juliana (Winter-green Barberry). 7 ft. Zone V. Evergreen. Sun or shade. Flowers small, fruit black. Hardest of thoroughly evergreen Barberries. Good stout bush. Thorny.

*2 in. pots5 \$5.00, 100 \$60.00
*4 in. pot.....\$2.75, 10 for \$18.00
30-36 in. BB \$9.50 each, 10 \$90.00

—**verruculosa**. 5 ft. Zone V. Dense, spreading. Besides good evergreen leaves, has large showy gold blooms in May.

*2 inch pot5 \$4.50, 100 \$75.00

—**Candidula**. 3 ft. Zone V. Very rich green leaf. Best dwarf.

*2¼ in. pot2 for \$5.00, 10 \$20

Chenaulti. A *verruculosa* hybrid. Neat. Hardier. Splendid dwarf.

*2¼ inch pot \$2.50, 10 \$15.00

BUXUS microphylla Koreana (Korean Box), 2½ ft. Zone IV. Very compact and dense. Any soil. Prefers sun. Neat edge for a garden.

*2¼ in. pots 5 ppd. \$7.00, 100 \$60
6-8 in. BB \$4.50 each, 10 \$35.00

—**japonica** (Japan Box). 8 ft. Zone V. Hardy, upright bushy shrub. Hardest in shade.

*6-8 in. X10 \$9.00 ppd. 100 \$65

—**compacta**. Very rare, very dwarf, very hardy.

*2 in. pot2 for \$3.25, 10 \$15.00
8-10 in. BB\$7.50, 10 \$70.00

BUXUS Suffruticosa (Dwarf "English"). To 6 ft. Zone V. A billowy dense mass of dark green. This is the box of collectors. Small plants used for real box edging. Sun or part shade.

*2 yr. X25 \$6.50, 100 \$22.00
*4-6 in. X 5 ppd. \$5.00, 100 \$65.00
8-10 in. X 5 for \$9.50, 100 \$125

CAMELLIA sasanqua (Hardy Camellia). This gorgeous fall-bloomer (Oct.-Nov.) is proving hardy in parts of Zone VI. Humus, fertilize, extra watering, semi-shade. Worth trying. Dark shiny evergreen leaf.

—**Pink Snow**—Glowing new pink.

—**Cleopatra**—3 in. double rose.

—**Dawn**—Pink-white, double.

—**Jean May**—Large double pink.

—**Showy Supreme**—White.

12 in. (3" pot) Any 5 ppd. \$7.50

COTONEASTER. Sun, drain. **horizontalis** (Rock Cotoneaster). 3 ft. Zone IV. Flat arching, densely twigged. Half-evergreen. Pink flowers, red berries.

2¼ in. pot10 \$9.00, 100 \$80.00
4 in. pot\$3.50 each, 10 \$24.00

—**Perpusilla**, dwarf form.

*2¼ in. pot 5 ppd. \$4.95, 25 \$15.00
4 inch pot\$2.75 each, 10 \$20.00

Dammeri. (Cranberry Cot.) 1 ft. trailing. Zone V. Evergreen. White June, crimson berries Oct.

*2¼ in. pot.....2 for \$3.50, 10 \$9.50

salicifolia (Willowleaf). 8 ft. Zone VI. Evergreen. Red fruit.

*2 in. pot10 \$6.50, 100 \$50.00
18 in. (pot).....\$5.00 each, 2 \$8.50



ABELIA. Easily grown.

—**Grandiflora** (Glossy Abelia). 5 ft. Zone V, evergreen to Zone VI. Almost perfect shrub. Small bright leaves, graceful growth. Any soil. Sun. Pinky-white bells from June to October. Leaves bronze in winter.

*12-18 in. X 2 \$3, 10 \$7.50
2-3 ft. \$4.50 each, 5 \$15.00

—**Edward Goucher**. Pink Abelia. 5 ft. Zone VI. More evergreen. Flowers larger, clear pink.

4 in. pot. \$2.45, 10 \$20.00
18 in BB \$4.50, 10 \$30.00

AZALEAS—pages 38-39

CALLUNA vulgaris (Scotch Heather). 2 ft. Zone V. Likes drainage, acid, wind. Evergreen. Rosy-purple, July-August.

Any one variety below:

—**alba erecta**—Tall, white.

—**alba minor**—Low white.

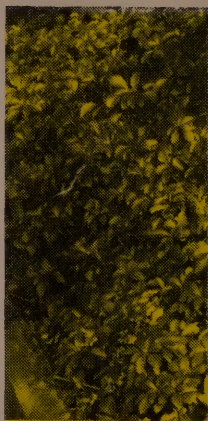
—**Wicklow**—Double pink.

—**alporti**—Carmine.

3 in. pot \$1.95, 10 \$13.50



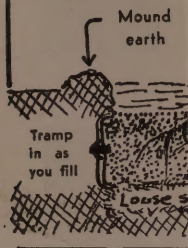
Baltic Ivy



Honeysuckle



PLANTING A 6-FOOT TREE



HELP IN SEI

SHA TREE

ACER Negundo (Be
A. platanoides (Nor
A. rubrum (Red Ma
A. saccharum (Suga
BETULA alba (Birch
B. populifolia (Grey
B. papyrifera (Cano
CELTIS (Hackberry)
FAGUS (Beech)
FRAXINUS (Ash)
GINGKO biloba
GYMNOCLADUS
PLATANUS (Sycam
P. acerifolia (Orient
POPULUS (Poplar
QUERCUS palustris
Q. coccinea (Scarlet
Q. rubra (Red Oak)
SALIX (Willow—mo
TAXODIUM (Bald-
TILIA (Linden—mo
ULMUS campestris
U. americana (Ameri
U. pumila (Siberian

Cornus florida flor



Daphne Cneorum



Erica Carnea



Cytisus praecox in Fall

CYTISUS scoparius (Common broom). 4 to 8 ft. Zone V. Bushy, upright stems. Yellow, May-June. Drain. Sun. Perhaps the best cover for dry banks. A sight in bloom. Evergreen stems.

*12-18 in. 10 for \$2.50, 100 \$15.00
3 inch pot...\$3.00 each, 5 \$12.50
4 inch pot \$4.00, 5 for \$18.00

—**Burkwood's**, the same but dark red flowers.

*2 inch pot 2 ppd. \$2.50, 10 \$7.50
4 inch pot..\$4.75 each, 5 for \$20.00

—**praecox** (Warminster Broom). 5 ft. Zone V. Amazing shower of pale yellow in May. Outstanding.
*2 in. pot 2 ppd. \$2.50, 10 \$7.50
4 in. pot \$4.75 each, 5 \$20.00

—**Pomona**. 4 ft. Tricolor bloom, scarlet, cream and gold.

3 inch pot ..\$3.50 each, 5 \$15.00
4 inch pot\$4.75 each, 5 \$20.00

Purgans. Dense, bushy, yellow. 3 ft. Zone (V).

4 inch pot\$4.50 each, 5 \$20.00

supinus (Bigflower Broom). 3 ft. Zone V. Showy yellow in July.

3 inch pot....\$3.50 each, 5 \$15.00

DAPHNE cneorum (Garland Flowers). 1 ft. Zone IV. Perhaps the finest rock-garden evergreen. Very fragrant rose flowers (large) in May and again in Sept. Needs sun. Spreads.

6-9 inch BB \$3.50 each, 5 \$16.00

ERICA carnea (Spring Heath). 1 ft. Zone V. A show of rose in the snow, lasts to May. Acid, sandy, humus.

—**King George**. Bright red form.

—**Springwood**. White.

Darleyensis (Hybrid Heath). Taller. Purple flowers, Feb.-Apr. Any of above 4 Heaths:

4 in. pot\$4.00 each, 5 \$18.00

EUONYMUS vegetus. Large leaves, vigorous bush. A few climbing leaders. Orange fruit. Zone V.

3 year (bushy)....\$2.95, 10 \$20.00

Patens. 8 ft. shrub. Zone VI. Practically evergreen. Easily grown.

*2½ in. pot 10 \$7.50, 100 \$45.00
12-15 inch BB\$2.75, 10 \$25.00

CHOICE ILEX OPACA

Any 12 below for \$9.95

Insured postage paid, 1 year olds, in 2-inch bands. Late May or early June shipment, but order now. (4 to 10 inch size.)

CHRISTMAS SPRAY: Female. Rapid growing with large leaves, good sized red berries on long stems.

CLARK: Small compact, upright branches. Bright red berries.

HEDGEHOLLY: Extra good for landscape. Red berry.

MAURICE RIVER: Vigorous. Glossy green foliage. Heavy bearer.

MENANTICA: Rapid growing, numerous fruits when young. Foliage deep green with plenty of spines.

MERRY CHRISTMAS: Dependable female with good green leaves.

MERRY CHRISTMAS CONVEX: Crinkly leaves; compact plant.

MISS HELEN: Conical habit with large egg-shaped berries.

NEEDLEPOINT: Foliage small and attractive with very sharp spines.

NORFOLK: Large attractive foliage and heavy berry-bearing habits.

PARKTON: Upright. Heavy bearing, dark green foliage.

WESTCROFT: A hardier "old Heavyberry" New.

ILEX OPACA (American Holly). Tree to 40 feet, hardy to Zone IV. Shiny red berries, dull green leaf. Humus, slightly acid. Our native is a fine, handsome evergreen—well worth planting for its leaves and red berries.

—**Females** (for berries)

—**Males** (for pollen) (10)

3 in. pot (12")\$12.00
4 inch pot\$3.00 ea. 25.00
2 ft. BB\$7.95 ea. 70.00

(See also pages 8 and 9)

—**Old Heavyberry**. Big rich green leaf, very showy berries. Perhaps the best female. Zone IV.

*3 inch pot \$3.00, 5 \$12.00

—**Delia Bradley**. Zone V. One of dozens new named kinds, fruits young and steadily. Good leaves. Outstanding.

*3 in. pot \$2.25, 10 \$15.00
2 ft. BB \$9.50 each, 5 \$45.00

SPECIAL HOLLY OFFERS (Ilex Opaca)

Offer A—2 males, 4 females, in 3 inch pot size (6 to 10 inch).

6 plants \$7.50 postpaid

Offer B—1 male, 2 females, in 4 inch pot size (12 to 18 inch).

3 plants \$9.50 postpaid

BROADLEAF EVERGREENS

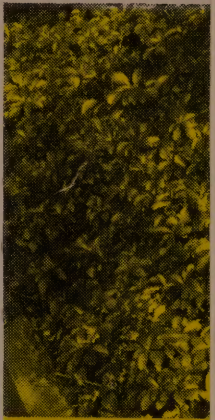
HOLLY LEAVES

1. *Crenata Convexa*
2. *Cornuta*
3. *Cilio-spinosa*
4. *Cr. rotundifolia*
5. *Glabra*
6. *Pedunculosa*
7. *Pernyi veitch*

st bad steepes be
inches apart
—gentler slopes
cept as noted
tions.



Baltic Ivy



Honeysuckle



the hollies

ILEX Aquifolium (English Holly). 40 ft. Zone VI. Shiny, toothed leaves. Very large bright red berries.

—Male (for pollination)

—Female (for berries)

*3 inch pot....\$2.50 each, 10 \$20.00
15-18 in. B&B\$7.50 each

—Bisex—a useful freak. Berries on one plant, both male and female flowers.

*3 in. pot....\$3.00 each, 5 \$12.50
12-15 in BB\$7.50, 10 \$70.00

—Van Tol. A fine female form. Extra good berries. Leaf with fewer spines.

4 in. pot (18")\$2.95, 10 \$20.00

Aquipern, hybrid with aquifolia, shinier, more toothed leaf. More vigorous than pernyi. Zone VI. Male or female.

*3-inch pot..... \$2.50, 10 \$9.50

—Brilliant. Heavy fruiting.

*3 in. pot. \$2.75, 10 \$18, 100 \$125

Crenata rotundifolia (Japanese Holly). Zone VI. 18 ft. Evergreen leaf and thickset shape.

*6-8 in. X....10 \$7.50, 100 \$50.00
12-18 in. BB \$5.75 each, 5 \$18.00

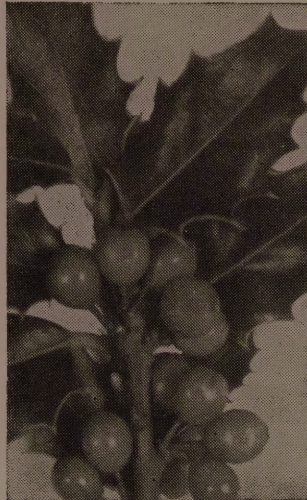
—convexa (Bullata (dwarf Jap. Holly). Shiny gray-green leaves. Not over 4 feet height. Zone V.

*6-8 inch X 10 \$9.00, 100 \$60.00

*12-15 inch X 2 \$3.00, 10 \$12.50
12-15 in. BB \$5.50 each, 10 \$45.00

—Helleri. Very compact, maybe 2 ft., very dense foliage. The best dwarf. Zone V.

*2 in. pot 5 \$4.50 ppd., 100 \$45.00
6-8 in. BB \$4.75 each, 10 \$40.00



Ilex Aquifolium

ILEX (continued)

Cornuta Burfordi. 6 ft. Zone VI. Few sharp spines. Good leaf. Red berries.

*3 inch pot
....5 \$6.50, 100 \$95.00
12-15 in. BB

4.50 each, 10 \$35.00

—male (pollen)
18 in. BB \$10.00 each

Pernyi. 10 ft. compact shrub. Zone VI. Small leaves, red berries.

3 in. pot \$2.50, 5 \$7.50

—Veitch, larger leaf. Fine bush.

3 in. pot \$2.50, 5 \$7.50

—Male (for pollen)
15 in. BB \$8.50 each

ILEX Pedunculosa. 25 ft. Zone V. Large untoothed leaves, red berries. Unusual. A really fine new hardy evergreen tree.

—Female (berrying form)

*3 in. pot\$2.50, 10 \$20, 100 \$150

—Male (for pollen)

*3 inch pot.....\$2.75, 5 \$12.00

KALMIA latifolia (Mtn. Laurel) Zone III. 8 ft. Pink in June. Finest Northern broadleaf.

*3 inch pots6 ppd. for \$9.50
12-15 in. BB5 \$12.50, 25 \$55

Also Collected plants page 40.

LAUROCERASUS schipkaensis (Hardy English Laurel). 6 ft. Zone V. A gorgeous evergreen shrub, with dark green leaves. White flower spikes in May. Very easily grown. Very fast growing.

*3 inch pot....10 \$12.50, 100 \$90.00
12 in. (pot) \$3.00 each, 10 \$20.00
12-15 in. BB \$5.50 each, 10 \$35.00

—Zabeliana. Similar, but narrower leaves. Zone V.

*3 in. pots....10 \$12.50, 100 \$90.00
12-18 in. BB \$5.50 each, 10 \$45.00

LEUCOTHOE catesbaei. 5 ft. Zone V. Handsome white. May.

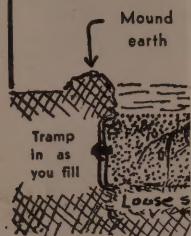
*2¼ in. pot10 \$8.50, 100 \$55.00
4 in. pot\$2.50, 10 \$20.00
12 in. BB....5 for \$12.50, 25 \$55.00

Also Collected plants page 40.

—Nana. Similar, neater growth.

*2¼ in. pot....2 ppd. \$2.75, 10 \$12

PLANTING A 6-FOOT TREE



HELP IN SEI

SHA TREE

ACER Negundo (Be
A. platanoides (Nor
A. rubrum (Red Ma
A. saccharum (Suga
BETULA alba (Birch
B. populifolia (Gray
B. papyrifera (Cano
CELTIS (Hackberry)
FAGUS (Beech)
FRAXINUS (Ash)
GINGKO biloba
GYMNOCLADUS (M
PLATANUS (Sycam
P. acerifolia (Orient
POPULUS (Poplar-
QUERCUS palustris
Q. coccinea (Scarlet
Q. rubra (Red Oak)
SALIX (Willow—mo
TAXODIUM (Bald-
TILIA (Linden—mo
ULMUS campestris
U. americana (Ameri
U. pumila (Siberian

MAHONIA Aquifolium (Oregon Holly-grape). 5 ft. Zone V. Yellow. May; purplish "grape," Aug. Dry, part shade.

*4 inch pot\$2.95, 10 \$17.50
15-18 in.\$6.95, 3 for \$20.00

Beali (Leatherleaf Mahonia). 12 ft. Zone V. Large, divided leaf. Tropical look. Yellow fragrant blooms, April.

*2¼ inch pot 5 \$5.00, 100 \$50

Lomariaefolia (Chinese Holly-grape). 10 ft. Zone VI. A neater Beali.

5 in. pot\$6.00 each, 10 \$50.00

OSMANTHUS aquifolium (Holly-leaved Myrtle). Zone VI. 6 ft. Evergreen shrub. Tolerant, useful foliage plant.

*2 in. pots....10 \$6.00, 100 \$45.00
*3 inch pot2 \$2.95, 10 \$12.00

—**aquifolium rotundifolium**. New, compact, dwarf form.

*2¼ in. pot 2 for \$3.50, 10 \$15.00

PACHISTIMA canbyi. Evergreen clump, 9 inch. Zone V. Wonderful rock plant. Moist.

*2¼ in. pots 10 \$7.50, 100 \$55.00
3 in. pots \$2.00, 10 \$15, 100 \$125

PIERIS floribunda (Mountain Fetterbush). 3 ft. Zone IV. Evergreen, mound. Upright clusters white in May. Acid, humus, half shade.

*2¼ in. pots....10 for \$10.00 ppd.
12-15 in. BB \$7.50 each, 5 \$30.00

Photo below:
**Viburnum
Rhytidophyllum**

PYRACANTHA Lalandi (Laland Fire-thorn). Evergreen shrub to 15 ft. Zone V. Orange-red berries, stands drought.

*3 in. pots5 for \$6.50, 25 for \$25.00
5 in. pot.\$3.00 each, 10 for \$20.00

watereri. New Zone V. Compact. Finest Firethorn. Hardy, evergreen. Red berry. The firethorn of the future.

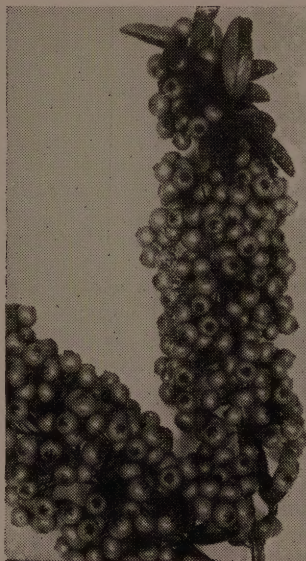
*2¼ in. pot2 for \$5.50 ppd.
*4 in. pot2 for \$7.50 ppd.

Photos: **Pieris floribunda**

Pieris japonica



Above: **Laurocerasus**



Pyracantha Watereri

PIERIS Japonica (Japonica Andromeda). 6 ft. Zone V. Evergreen, upright shrub, with drooping wax-like bells. May. New growth is rosy-wine.

*2¼ in. pot.....5 \$5.50, 100 \$65.00
*10-12 in. X.....5 \$5.00, 25 \$20.00
12-15 in. BB \$4.50 each, 10 \$30.00

Flame of the Forest. Form with bright colored leaf all year. New

*3 in. pot\$3.50, 5 \$15.00

RHODODENDRON Carolina. 10 ft. Showy pink bloom in May. Zone V. Collected stock page 40. 12 inches X 2 for \$3.00, 10 \$9.00

fortunei. 12 ft. Zone VI. Large blush pink, fragrant, May. 8 inches BB2 for \$6.00, 5 \$13.50

Hybrids—Next Page.

Keiskei. 5 ft. Zone V. Yellow in May, early. A showy dwarf.

*6-9 inch X2 for \$3.50, 5 \$6.50

Maximum. 12 ft. Blush-white, July. Rapid and bushy with large showy leaves. Suitable for mass effects. Zone III. Shade. See page 40 for collected stock.

12 in. BB5 for \$12.50

Racemosum. 4 ft. Zone V. Pink in April. Useful dwarf.

*2-4 inch X....2 for \$3.50, 5 \$7.00
*3 in. pot\$3.00 ea., 10 \$25.00

SARCOCOCCA hookeriana humilis. Spreading evergreen shrublet in shade. 2 ft. Zone V. Fine ground cover.

*2¼ in. pot 10 for \$7.50, 50 \$30.00
5 inch pot....\$3.00, 10 for \$20.00

SKIMMIA japonica 4 ft. Zone VI. White in April, neat dwarf, red winter fruit. Shade.

4 in. pot....2 ppd. \$5.95, 10 \$20.00
*2¼ in. pot5 \$5.95, 100 \$90.00

STRANSVAESIA davidiana. Shrub to 20 feet. Zone VI. Large shiny green leaves. Scarlet fruit. 12 to 18 in. X 2 for \$3.50, 10 \$15.00
18 to 24 in. X\$3.00, 5 for \$12.00

—**undulata**. Dwarf form, low growing. Spreading.

*2¼ in. pot 2 for \$2.95, 10 \$10
*3 inch pot\$3.00, 10 \$20.00

VIBURNUM Rhytidophyllum (Leatherleaf). 9 ft. Zone V. Wrinkled evergreen leaves, bright green, shiny. Bold. Red and black berries. Drain, shelter. Unique leaves.

*3 in. pot6 for \$9.50 postpaid
18 in. BB\$4.50 each

Rhododendron Culture

1. Acid, damp, loose soil.
2. Do not hoe or rake. Plant; then water and mulch as needed.
3. Light shade gives best results. Good trees: Oaks, Cherries, Magnolias and Birch. Avoid Beech and Maple.

DWARF HYBRIDS:

Wilsoni. 4 ft. dwarf. Zone V. Pink, May. Neat growth.

*2¼ in. pot.10 for \$15.00
12-15 inch BB\$8.50, 10 \$75.00
18-24 inches BB\$18.00 each

DWARF HYBRIDS (New)

Augfast } Named
Blue Diamond } dwarfs,
Blue Tit } blue.
3 inch pots ea. \$2.75.

DEXTER FORTUNEI HYBRIDS

This new strain, based on R. fortunei is hardy in Zone V and shapely, colorful. Mixed.

8-12 in. X 2 for \$6, 5 \$13.50

5 EXCITING NEW Rhododendron Hybrids

9 to 12 inch B&B
any 3 for \$24.00
(Not sold singly)

Euclid. Zone IV. Compact growth. Lavender flowers. Hardest.

Merley Cream. Zone V. Fragrant, deep cream. Medium growth. (Dexter).

Scintillation. Zone V. Outstanding. Clear pink, fragrant. Shiny, vigorous foliage. (Dexter).

Turkish Delight. Zone V. Orchid pink, exceptionally large. Vigorous, but full habit.

Wissahickon. Zone V. Tall grower. Deep rosy-red. (Dexter).

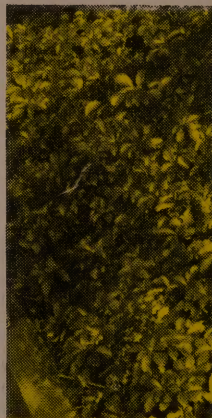
BROADLEAF EVERGREENS



st bad steep be
1 inches apart
—gentler slopes
cept as noted
tions.



Baltic Ivy



Honeysuckle

Hybrid Rhododendrons

Own-root plants grow shapelier than grafts, and are longer lived, with less care and pruning. All hardy Zone VI, (some even in V.) Both grades below have had their first pinching, starting life shapely and healthy. Old enough to be planted right out in field. Much bushier and more compact than ordinary. All nine kinds below: All field grown:

6 to 9 inch B&B packed (Not Sold Singly)	12-15 in. BB packed (\$7.95 each)
Any 5 for.....\$19.00	Any 3 for.....\$19.00
Any 10 for.....\$35.00	Any 6 for.....\$35.00

WHITES	Album Elegans. White, upright grower. Zone V. Catawbiense Album. Shapely, lavender.
PURPLE ROSE	Lee's Dark Purple. Bushy, showy, Zone V. Catawbiense Boursault. Shapely, lavender. Roseum Elegans. Very shapely bush. Zone V.
PINKS	Roseum Superbum. Good pink, good bush. English Roseum. Shapely, showy pink.
REDS	America. Neat growth. Fine red. Dresselhuys. Big, tall, red.

Young Named Own-root Hybrids

Special Offer Postpaid — Any 4 above \$10.00

9 varieties above for much less than any usual cost. 4-inch band plants, mostly 5 to 10 inch, labelled. These need to be bedded a year (see page 12) and "pinch" the center leafbud away in July.

... Also 6 special kinds for an extra 60c each:—

Boule de Nieve— white, dwarf.	Nova Zembla— Red. Fine. Zone V.	Cynthia—Large rosy-crimson.
Wilsoni—Zone V described at left.	Windbeam — Pink May. Zone V.	Goldsworth Yellow —Scarce. Good.



PLANTING
A 6-FOOT
TREE

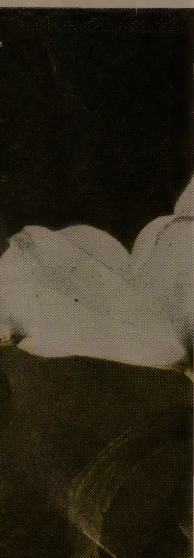


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B. papyrifera (Cano
CELTIS (Hackberry)
FAGUS (Beech)
FRAXINUS (Ash)
GINGKO biloba
GYMNOCLADUS
PLATANUS (Sycam
P. acerifolia (Orient
POPULUS (Poplar-
QUERCUS palustris
Q. coccinea (Scarlet
Q. rubra (Red Oak)
SALIX (Willow—mo
TAXODIUM (Bald-
TILIA (Linden—mo
ULMUS campestris
U. americana (Ameri
U. pumila (Siberian

Cornus florida flor



Grandiflora Roses

Like Floribundas, but with blooms like Hybrid Teas. Bloom all summer.

★ **Pink Princess.** Bud red, flower deep pink. Free from premature defoliation.

Anne **Vanderbilt.** Exquisite coppery orange, red, semi-double, fragrant.

★ **Laffer.** Sparkling orange, semi-double.

Lily Pons. Cream, large. Vigorous, free.

Curly Pink. Clusters of large two-toned pink all summer. Vigor, health.

★ **Dolly Darling.** Pink, sunset and rose blend. Extra vigor and health.

4 Brownell Floribundas

Everblooming, hardy, bushy clumps.

★ **Pink Bouquet.** Vigorous double pink.

★ **Orange Ruffels.** Glowing, soft luminous. Steady bloomer all summer. Large.

★ **Yellow Ruffels.** Good nonfading yellow.

★ **Flameburst.** Mass of blazing red all summer. Sensational.

EVERBLOOMING PILLAR ROSES

Revolutionary combination of HT's and ordinary climbers never before obtained. Beautiful large HT blooms all summer. Sub-zero hardiness. Red, pink, apricot, yellow, white in various shades. Not yet named, sold only to selection of colors 3 for \$10, 6 for \$20. If only one desired, price is \$4 each, postpaid.

They grow sturdy like climbers, but not so high. May be kept cut back as specimen self-supported bushes 5 to 8 feet tall.



See page 28 for Shrub Roses

ROSES

EACH: \$2.45

3 FOR \$6.50

DOZEN: \$22.50

Postpaid

BROWNELL "SUB-ZERO" ROSES

This new race of roses adds to unusual hardiness a character of improving with age, rather than slowly deteriorating as most hybrid teas do. Easy to grow and bring into bloom. Disease-resistant, unusually hardy, Zone IV. (Guaranteed to bloom).

BROWNELL HYBRID TEAS

Shades of Autumn. Red and yellow.

Tip Toes. Spicy fragrance. Orange and pink.

V for Victory. Large, double, yellow, fragrant, profuse.

Country Doctor. Large, recurved silvery pink satin.

Handsome Red. New, brilliant red, fully double.

★ **Helen Hayes.** Fragrant. Open yellow to orange, then mature warm pink.

★ **Red Duchess.** Robust sturdy large red. Outstanding fragrance. Brilliant, free to flower.

Queen o' the Lakes. Sensational large crimson.

Arctic Flame. Fiery red blooms up to 5 inches diameter. Frequently up to 100 flowers per plant.

Atomic White. Large, vigorous white.

3 Brownell Creepers (June)

For ground cover on walls, on fences.

Yellow Creeping Everbloom. Grand, vigorous ground cover.

Apricot Glow. Coppery pink, brilliant. Double flowers.

Red Creeping Everbloom. Strong grower



No More Black-Spot!

Absolute resistance to this dread disease has been bred into 9 of these roses. A garden of these look **HEALTHY** when other roses look **SICK**.

- Red Duchess
- Pink Princess
- Orange Ruffels
- Laffer
- Pink Bouquet
- Yellow Ruffels
- Dolly Darling
- Helen Hayes
- Flameburst

One each
9 kinds
for \$19.50
(postpaid)
(\$2.45 each)



Clematis Jackmani

AKEBIA Quinata (five-leaf Akebia). Zone V vine. Handsome purple bloom in May. Sun. Drain. Free of disease. Fast growing. 3-yr. \$3.75 ppd., 5 for \$12



NOTES ON GROWTH OF VINES

Photo:
Wisteria
floribunda

Cling	Twine	Need Tying	o---fruit x----flower	Early	Summer	Autumn
..	x	..	Akebia	x	..	..
x	..	..	Ampelopsis	..	o	..
..	..	x	Aristolochia	..	..	..
x	..	..	Bignonia	x	..	..
..	x	..	Celastrus	..	o	..
..	..	x	Clematis	x	..	..
x	..	..	Euonymus	..	o	..
x	..	..	Hedera	..	..	..
x	..	..	Hydrangea	x	..	..
..	..	x	Jasminum	x	..	..
..	x	..	Lonicera	..	..	..
x	..	..	Parthenocissus ..	..	..	..
..	x	..	Polygonum	..	x	..
..	x	..	Wisteria	x	x	..

AMPELOPSIS brevipedunculata (heterophylla). Vigorous vine. Zone IV. Showy bright blue berries, Sept.-Oct. Called "Porcelain Ampelopsis." An excellent vine. Tolerant. ppd. 4-year\$3.75, 10 \$25

AMPELOPSIS (See also **PARTHENOCISSUS**)

ARISTOLOCHIA durior (Siph o) (Dutchman's Pipe). Vine to 30 ft. Odd, large yellow and brown flowers in May. Large leaves. Vigorous. Tolerant. Zone IV.

2-yr. graft\$3.75 ppd. 5 for \$12.00

CAMPSIS radicans (Bignonia). (Trumpet Vine). 60 ft. Vine. Zone V. Scarlet flowers, July to Sept. Prefers humus. Trained on a post, covers it quickly, and seems a small tree.

*12 in. S25 for \$3.00 2 year \$1.50 each, 5 \$5.50

—**Yellow Trumpet**. Beautiful color, hardy, outstanding, rare.

2 yr. \$3.75 ppd., 5 \$15.00

CELASTRUS scandens (American Bittersweet). 20 ft. Zone IV.

*12 in. S 25 for \$3.50 2 year \$1.75, 10 \$12.00

CLEMATIS Hybrids. 8 ft. Zone V. Bloom July and August. Light loam, manure, drain. Sun.

—**Ville de Lyon**. Deep red.

—**Mme de Coulfre**. White.

—**jackmani**. Rich purple.

2 year field grown\$2.50 each

EUONYMUS fortunei radicans (Winter-creeper). 20 ft. Vine, self-climbing. Zone V. Ever green. Dainty leaves.

2 year\$2.00 each, 10 \$15.00

—**coloratus**. Rosy-purple leaf.

*2¼ in. pot 10 \$8.00, 100 \$50.00

2 year\$2.00 each, 10 \$15.00

—**kewensis**. Tiny dwarf.

3 yr. pot \$3.50 each, 5 for \$15.00

HEDERA helix (English Ivy). 60 ft. Vine. Zone V. Evergreen. Self-clinging. Any soil.

*2¼ in. pots 10 for \$5.50, 100 \$35

3 inch pots 5 \$5.00, 100 \$90.00

THORNDAL HARDY IVY.

New form of Hedera helix hardy in Zone IV. Useful.

*2 in. pot 10 for \$6.50, 100 \$50

4 in. pot \$2.50 each, 10 \$19

HYDRANGEA petiolaris (Climbing Hydrangea). 35 ft. Vine. Zone III. Self-climbing. Handsome white in June.

2 year\$3.25 each, 5 for \$15.00

JASMINUM nudiflorum (Winter Jasmine). 15 ft. Zone V. Bright yellow, Feb. to April. Tolerant.

*6-12 in. X 5 for \$3.50, 100 \$40.00

VINES

These plants are really shrubs that climb; plant just like shrubs (see Page 24). Ground Covers are on page 49.

ING
ETS

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inches apart
—gentler slopes
cept as noted
tions.



Baltic Ivy

LONICERA heckrottii "Gold-flame" (Everblooming Honeysuckle). Dwarf vine. Zone V. Yellow and red to Sept. (Can be pruned as a shrub.)

2 year\$1.75 each, 5 for \$7.50

PARTHENOCISSUS quinquefolia (Virginia Creeper). Vine. 30 ft. Zone V. Vigorous. Fall color. *12 inch S 10 for \$3.90, 100 \$25 2 year \$1.75, 10 \$9.50, 100 \$75.00

tricuspidata (Boston Ivy). Vine 40 ft. Zone V. The most popular. Self-clinging. Dense. Fall color. 2 year X \$1.75, 10 \$10.00, 100 \$85

POLYGONUM auberti (Silver Lace Vine). 25 ft. Zone V. Amazingly fast grower. Covered with white bloom September and October. Tolerant. Prune back to live wood each spring.

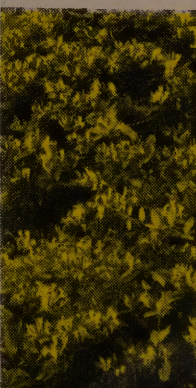
2 year\$1.75 each, 5 for \$6.00

WISTERIA floribunda (multi-juga). 25 ft. Zone V. Fragrant purple long clusters, May-June. Humus, drain, sun.

5-inch pot.\$2.75, 5 for \$9.00



Honeysuckle



PLANTING
A 6-FOOT
TREE

LIVING FENCES

EVERGREEN HEDGES

Plant Late April and May

Yew Hedges (Taxus)

Yew is hardy, disease-free, tolerant. Space 1½ feet apart.

TALL, 5 to 8 ft. high, 3 to 4 ft. wide. **Taxus capitata** (Upright Yew).
10-12 in. XX....15.00 35.00 120.00
12-15 in. XX....22.00 45.00 150.00

BROAD, 2 to 4 ft. high, 2 to 4 ft. wide. **Taxus cuspidata** (Spreading Yew).
10-12 in. XX....15.00 35.00 120.00
12-15 in. XX....19.00 45.00 160.00

NARROW, 4 to 6 ft. high, 1½ ft. wide. **Taxus Hicksi** (Hicks Yew).
8-12 in. XX.....15.00 35.00 120.00
12-15 in. XX....24.00 50.00 180.00

BUSHY, 6 ft. high, 2 ft. wide. **Vermeulen's Yew**.
9-12 in. XX.....15.00 35.00 120.00

Deciduous Hedges (plant early)

BARBERRY HEDGE—2 to 4 feet high. Space 1 ft. in single row.

BERBERIS Thunbergi (Japanese Barberry). (25) (100) (1000)
12 to 15 in. S.... 4.00 13.00 80.00
12 to 18 in. X..15.00 45.00 400.00

B. thunbergi Atropurpurea
12 to 15 in. S. 9.00 22.00 125.00
12 to 18 in. X..20.00 55.00 400.00



Photo: Upright Yew Hedge

PRUNE
HEDGES
SO SNOW
FALLS OFF
AND SO
SUNLIGHT
HITS THE
SIDES.



PRIVET (25) (100) (1000)
—**ibolium** (Hybrid Privet), hardier California. (Zone V).
—**ovalifolium** (California Privet). Old favorite. (Zone VI).
—**amurense** (Amur Privet North) Neat, fool-proof. (Zone V).
12-18 in. (2 Br.) 3.50 10.00 80.00
1½-2 ft. (3 Br.) 7.00 22.00 190.00
3-4 ft. (4 Br.) 15.00 40.00 350.00



Photo: Hemlock hedge

Tsuga Canadensis (Northern Hemlock). Zone III. A fine, even smooth dark green surface unlike any other hedge. Thrives in soils ranging from ordinary to damp, and from full sun to full shade, hence is easy to grow. Set plants 1½ ft. apart.

(25) (100)
9 to 12 in. XX 16.00 60.
12 to 15 in. XX 22.00 80.
15 to 18 in. XX 35.00 130.

ROSA MULTIFLORA

Plant a single row, 1 foot apart. Cut back roots to 8 inches, tops to 3 or 4 inches on planting. Fine screen. It can be kept 5 feet high, width 8 ft. Not for small gardens.

(100) (1000)
6-12 in. S. \$7.50 \$45.00
18-24 in. S 12.50 95.00

FERNS

fine ground
cover in
shade.



5 one kind
for \$3.00

10 one kind
for \$5.75

PRICES
(post paid)

Express
100 for
\$35.00

LEATHER WOODFERN (*Dryopteris marginalis*) Tolerant, deep shade. Evergreen, 30 inches.

CINNAMONFERN (*Osmunda*). 60 inches. Any moist soil.

CHRISTMASFERN. 12 in. Dry shade. Evergreen.

CLIFF-FERN (*Polypody*). 6 in. Evergreen, drain.

EBONY SPLEENWORT (*Asplenium*). 6 inch evergreen. Semi-shade.

HAYSCENTED FERN (*Dunnstaedtia*). 18 inches. Tolerant.

MAIDENHAIR (*Adiantum*). Rich, moist, but drained soil. Easily grown. Showy and popular.

LADYFERN (*Athyrium*). 15 in. Shade. Very attractive.

OSTRICH FERN (*Pteretis nodulosa*). 36 inch. Very tolerant. This makes a delicious, nutritious asparagus substitute, as "fiddleheads."

... Labor-free plants that cover the ground

Steep slopes can be put into grass and mowed. But it is constant work and worry. The following plants do the job better. There are almost no maintenance problems. Eventually one plant will cover a large area, but on banks it is important to get the soil held quickly.

where grass will not thrive are

LIVING CARPETS

EVERGREEN GROUND COVERS

PACHYSANDRA terminalis—Tolerant in poor soil and shade. Set 3 to each sq. ft. Zone V. (10) (25) (100) (1000)
1 year field grown (postpaid): \$ 3.95 \$ 9.95 \$ 89.00

HARDY GALAX (Galax aphylla)—Huge bronze and green leaves. Moist shade. (postpaid) (Express, not paid)
Clumps with ball 6.50 10.00 30.00 290.00

TRAILING ARBUTUS (Epigaea repens)—Waxy pink, May. Zone II, acid soil, semi-shade. (postpaid) (Express)
Balled clumps 6.50 10.00 30.00

WINTERGREEN (Gaultheria procumbens)—Small neat mat evergreen in baking sun. (postpaid) (Express)
Balled clumps 5.50 8.00 25.00 200.00

MOTTLED WILDGINGER (Asarum shuttleworthi)—Large, evergreen leaves. Zone V. (postpaid) (Express)
Strong clumps with ball..... 6.50 10.00 39.50

BEARBERRY (Arctostaphylos uva-ursi)—Low matting evergreen. For sandy banks—succeeds even on seashore. Sun, drain. (All express, not postpaid)
Pot-grown 9.50 20.00 75.00

HEDERA baltica (Hardy English Ivy)—Fine ground cover for steep slopes in shade or sun. Zone V. Space 1½ ft.
2-in pots (express) 7.50 26.00 240.00
3-in pots 8.50 20.00 75.00

THYMUS SERPYLLUM (Creeping Thyme)—Evergreen. Can be walked on. Zone III. Set 12 in. apart. Well drained soil.
Sturdy plants (express) 12.00 40.00 350.00

DECIDUOUS GROUND COVERS—vigorous, for bad slopes

LONICERA japonica (Honeysuckle)—Sun or shade. Any soil. Zone IV. All sent express:—(25) (100) (1000)
2-year light 9.50 80.00
2-year No. 1 grade 6.50 18.00 140.00

PUERARIA thunbergiana (Kudzu) Very fast, handsome, but coarse grower. Holds banks in poor soil, enriches soil nitrogen. Zone VI. 2-year (No. 1. Crowns) 4.50 14.00 80.00

ROSE wichuriana (Memorial Rose)—Branches grow quickly, droop and root. Thickset effect. Best in sun. Zone IV. Space 2 ft. apart. 2-year field grown X 19.50 65.00
2-year (8 to 12 in.) S 9.50 30.00 180.00

VINCA (The Myrtle)

The most satisfactory, showy, trouble-free of all ground covers. The leaf is small, shiny, dark green all year round. Even in full shade, the leaves grow thickly. It spreads by underground roots. To be sure of coverage within (say) 2 years, we recommend spacing 12 in. apart. There are blue flowers, showy and cheerful, all spring. Will grow and thrive in any soil. **Planting—Clumps come tied compactly. Untie and spread out roots and tops.**

	ppd.	express	
	(25)	(100)	(1000)
Strong clumps (10 leads or more).....	\$ 5.75	\$15.00	\$120.00

Bowles (Improved) Vinca, 2-year.....	12.75	38.00	300.00
--------------------------------------	-------	-------	--------

We suggest bad steeps be planted 9 inches apart each way—gentler slopes 1 foot, except as noted on descriptions.



Photo: Shortia

OCONEE BELLS (Shortia galicifolia)—Rarest of all. Zone V. Evergreen leaf, showy pink-white flower spike. Balled clumps, 10 for \$8.50 postpaid. (25 for \$12.50, 100 for \$40, express.

Photo: Vinca

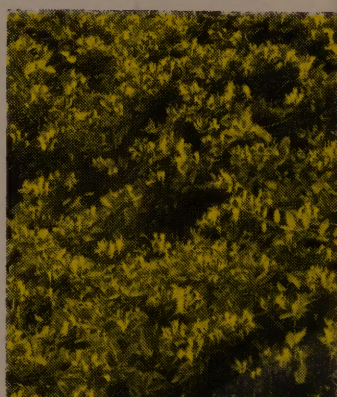


Baltic Ivy



Honeysuckle

Pachysandra



Huge Hybrid Blueberries

Really beautiful as specimens or in hedges. Suited for use in small quantities in the small garden. A 100-foot hedge will pay about \$25 worth of berries a year! (Spaced 18 ins.)

Why Wait? Plant Some NOW

And enjoy the berries sooner. Not only will add to your garden but pay back cost many times over! Hardy throughout U.S.A.

NAMED KINDS (below)	(Each)	(10)	(50)
3 yr., 12 to 18 inch.....	\$2.25	\$18.00	\$65.00
3 yr., 18 to 24 inch.....	3.00	20.00	85.00
4 yr., 2 to 3 ft. (bearing)....	4.00	30.00	140.00

MIXED: (All varieties are splendid eating)

12 to 18 inch (3 year).....	15.00	60.00
18 to 24 inch (3 year).....	19.00	75.00

Jersey. Large, vigorous. Hardest. Early July.

Weymouth. Earliest of all. Best for cooking.

Concord. Midseason. Upright. Fine quality.

Rancocoas. Early, good quality.

Pemberton. Large, mild and bland.

Burlington. Large, latest of all.

Rubel. Tall grower, erect. Late.

Stanley. Early July. Tall. Large berries.

Set Blueberries in beds 4 feet apart. Several varieties should be included in planting, as an exchange of pollen is necessary to produce good crops of berries. (Or order "mixed"). Blueberries require an acid soil containing peat or other rotted vegetable matter. They need a moderate supply of soil-moisture.



Above: Bushes bear heavily
Below: Life-size berries



3 New Varieties of Blueberries

Berkeley—Finest home berry. Vigorous.

Earliblue—Very hardy. Early. Grand.

Herbert—Extra hardy. Late. Huge.

12-18 inch.....\$3.00 each, 10 \$25.00
(1 each, all three for \$8.75 ppd.)

Startling New EVER-BEARING Fruits

These two novelties are a must for all amateur orchards.

Collette Pear—

Firm, sweet, juicy. Keeps blooming and bearing almost all summer. (Plant Patent 1401.)

4 to 5

foot plants

Postpaid

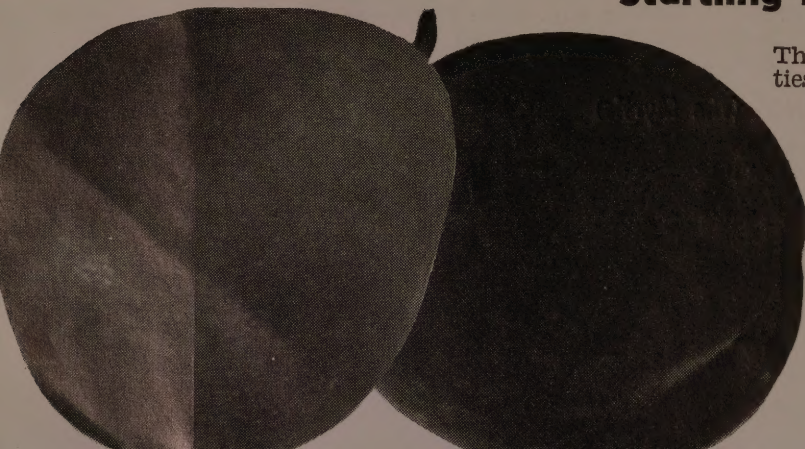
Prices:

\$3.95 each

(2 for \$7.50)

Everbearing Peach

Medium-size fruit; sweet, tasty, freestone. Bears from late July to late September. Sensational for home-orchard. (Plant Patent No. 1503.)



SPACING FRUIT

Apple, Standard	30 by 30 ft.
Apple, Dwarf	..10 by 10 ft.
Cherry, Standard	25 by 25 ft.
Cherry, dwarf	..12 by 12 ft.
Peach or Plum	.20 by 20 ft.
Same, dwarf	.. 12 by 12 ft.
Pear, Standard	25 by 25 ft.
Pear, dwarf	..10 by 10 ft.
Apricot	12 by 12 ft.
Raspberry	 2 by 4 ft.
Grape	 8 by 10 ft.
Blueberry	 4 by 6 ft.
Chestnut	30 by 30 ft.
Walnut	40 by 40 ft.

Fruit trees are planted like any other deciduous tree. (p. 17.) Most need some care, but those most labor-saving include: Crabapples, Bush-cherry, Blueberry, Blackberry, nut trees and (in regular fruit) the dwarfed forms rather than the standard trees. An orchard so planted can be less than half as much work.



SELF-STERILE FRUITS

Many fruits do not bear good crops if planted separately. Pollen from nearby trees of different variety is often needed. Noted on these pages by:

- Self-unfruitful. Do not plant by itself, but always with another variety of the same fruit.
(P)—good pollinizer.

BERRIES

Berries come on old wood only, so prune right after picking.

Black Raspberry (10) (100)
Bristol. Standard, good early.
..... \$2.50 \$15.00

Purple Raspberry
Sodus. Heaviest bearer of all raspberries \$2.75 \$17.50

Red Raspberry
(*Rubus Strigosus*) Zone I
Latham. Old variety, very dependable \$2.75 \$18.00

September. Crops spring and autumn. The best "Everbearing" \$3.50 \$20.00

Yellow Raspberry
Amber. Large fruits, high quality. Zone IV \$3.50 \$17.50

Thornless Boysenberry
Huge, 2 in. berry, highest quality of all brambles. Prolific. No better berry known. Zone VI.
1 year \$2.75 \$15.00

Dewberry
Lucretia is hardy in Zone VI. Like a blackberry, but better.
Trailing \$2.50 \$15.00



Blackberries (10) (100)
Zone III
Midnite. Large berry. New. Vigorous
\$4.00 29.00



Highbush Cranberries

Large fruited, heavy-yielding type of *Viburnum trilobum*—high in pectin. Zone I. Make sauce or jelly same as with cranberries, but strain to keep out pits. 2 foot plants:

\$1.65 each, 10 \$13.50.

Unusual Berries

Juneberry

Amelanchier berries also known as "Serviceberries." Dark red fruit in July. This form grows 12 ft. Zone II.

1½-2 ft. plants:

\$4.50 each, 2 for \$8.50

"Pixwell" Gooseberry

Fine cooking fruit. Shrub 3 ft., Zone III. This variety is considered today's best. Turns pink when fully ripe. Should bear one year from planting.

2 year.....2 ppd. \$2.50, 10 \$9.50

"New American" Mulberry

Ever-bearing, from June until September. Large refreshing berries without the mawkish sweetness. Zone IV. Mulberry also attracts birds—usually the smaller kinds. 3 foot plants.

\$3.75 each, 10 \$28.00

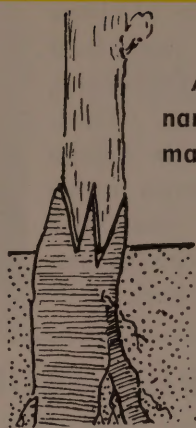


Photo: Dwarf Apples bear heavily.

Dwarfed Fruits

Available in All Varieties Listed

A tree whose fruit is as large or larger than ordinary but which never grows very tall—perhaps ultimately 12 to 15 feet. Space 12 ft. apart.



Depth to Plant—The graft must be just above the ground. If too deep, scion develops its own roots—is no longer dwarf. If too high, the root stock suckers.

They can be sprayed, pruned and picked by hand without ladders or equipment, bear much earlier, (third or fourth year)—and carry amazing loads of fruit. Also are less liable to borers and other pests.

PRICES: All kinds listed here:—
(50c packing on orders under \$10.00)

2 year—Branched\$4.00
3 year—Heavier 5.50
If extra dwarf apples wanted specify Malling 9.



PLUMS: Abundance

Damson

Reine Claude

Stanley

Standard Fruits

APPLES—2-year, 5-6 ft. 11/16 in.....\$2.25
CHERRIES—2-yr., 4-5 ft. 11/16 in.....\$2.85
PEACHES—1-yr., 4-5 ft. 9/16 in..... 2.00
PEARS—2-yr., 4-5 ft..... 2.50
PLUMS—2-yr, 4-5 ft..... 2.50
APRICOT—2-yr., 4-5 ft..... 2.25
NECTARINE—1-yr., 3-4 ft..... 2.40

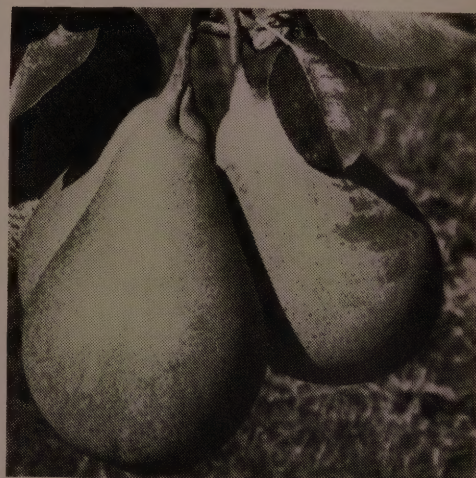
Proper Fruit Pruning . . . and its results



Pruning for high fruit yield shown above speaks for itself. A is a leaf bud, B a flower (and fruit) bud and C, the terminal of the branch.

In April, when pruning the tree for shape—a simple process of cutting away all thickly spaced branches — go further and cut off each terminal as shown. Then in June go over the branches trimming back all shoots that have no fruit setting; and particularly cut away all growth at branch tips except the single terminal left to be cut the following April.

Not just one fruit, but several at each fruiting spur. And the fruits are each larger and will be found to taste better.



Apples (Zone 2)

Standard: Space 30 ft., bear 7th year. Dwarf: Space 12 ft., bear 3rd year.

SUMMER APPLES

Red Astrakhan. (P) Large striped red. Young biennial bearer. Eating, cooking.

Yellow Transparent. Golden, juicy. Young biennial bearer.

Duchess Oldenberg. (P) Extra hardy, large striped. Biennial. Eating, baking.

Lodi—Improved yellow transparent. Ripens a few days later.

AUTUMN APPLES

Gravenstein. Large striped red. Good quality. Eating, cooking.

• **McIntosh.** (P) Striped, aromatic flesh. Young annual bearer. Eating, cooking, baking.

Wealthy. (P) Striped young annual bearer. Eating, cooking.

WINTER APPLES

• **Cortland.** Annual bearer. Eating, cooking.

• **Delicious.** (P) Crimson. Crisp, tender, juicy. Annual bearer.

• **Golden Delicious.** Large, yellow. Marvelous flavor. Young annual bearer. Eating, cooking.

Jonathan. (P) Small, but crisp, juicy. Biennial. Eating.

Rome Beauty. (P) Annual bearer. Striped, large. Eating.

• **Stayman Winesap.** Young annual bearer. Zone V or South. Crisp, juicy. Baking, eating.

Cherries

Need heavy pruning on planting. Standards: Space 25 ft., bear 5th year. Dwarfs: Space 12 ft., bear 3rd year.

SOUR (P. Avium) (Zone 4)

Montmorency. Largest, firm flesh. Disease resistant. Finest quality. June.

SWEET (P. Cerasus) (Zone 5)

• **Black Tartarian.** (P—Best.) Purplish black, juicy, rich flavor. June.

• **Windsor** (“Black Oxheart”). Large, dark, juicy, firm. July.

• **Napoleon** (“White Oxheart”). Rich, sweet yellow. Late June.

• **Schmidt Bigereau.** Huge black. Delicious. Early June.

Plums (Zone 3)

Dwarf: Space 10 ft., bear 3rd year. Standards: Space 20 ft., bear 5th year. Trifloras and Europeans do not cross-pollinate.

TRIFLORAS (P. Salicina)

• **Abundance.** Red, medium sized. Flesh yellow, juicy. Vigorous, productive. Aug.

• **Burbank.** Red, medium sized. Flesh yellow, very juicy. Aug.

Santa Rosa. Large juicy red. August.

EUROPEAN (P. domestica)

German Prune. Large, dark blue. August.

• **Reine Claude** (Bavay's Green Gage). Large yellow. Late Sept.

Stanley. Large dark blue prune. Annual bearer. Late Sept.

Damson. Small, purple. Cooking. Sept.



Most Beautiful Fruit Trees

Some kinds are much more showy than others. Here are the best:

APPLE—McIntosh, Red Astrakhan, Rome, (Deep pink. Fragrant.) R. I. Greening. (Showy white.)

PEACH—Elberta, Hale. (Large pink.)

PLUM—Abundance. (White.)

Peach (Zone 5)

Prune annually. Standard: Space 20 ft., bear 3rd year. Dwarf: Space 10 ft., bear 2nd year.

Belle of Georgia. White, rich flavor. Vigorous, productive. Sept. Extra hardy.

Elberta. Yellow. Fruit large firm. Good canning. Sept. 15.

Golden Jubilee. Yellow. Aug. Extra hardy. Juicy, sweet.

• **Hale Haven.** A marvelous large yellow peach. Hardy. Delicious flavor. Early Sept.

Pears (Zone 4)

Dwarf: Space 14 ft., bear 3rd year. Standard: Space 25 ft., bear 6th year.

• **Bartlett.** Large, rich juicy, golden. Canning, eating. Sept.

• **Beurre Bosc.** Very large, rich, juicy. Late Sept.-Nov. Eating.

Duchess d'Angouleme. Extra large, greenish yellow, spotted. Excellent. Young bearer.

• **Clapp Favorite.** (P) Fruit large, pale, fine-grained, juicy. August.



HARDY NUT TREES

There are good nuts to be grown in the north. Chestnuts from seed are young, heavy bearers. The Walnuts are hardy and also bear heavily and young. The first two years mulch well with hay and straw. Water if drought comes. Do not plant deeper than they were in nursery.

BLACK WALNUTS—Zone IV

One of our most beautiful native trees, growing well in any fertile well drained soil. The grafted sorts bear their first nuts commonly in the third to fifth year. The meat is attractive and tasty, falls out easily in halves.

4 to 5 ft.....\$4.00 each, 5 for \$15.00

ENGLISH WALNUT (Manregion)

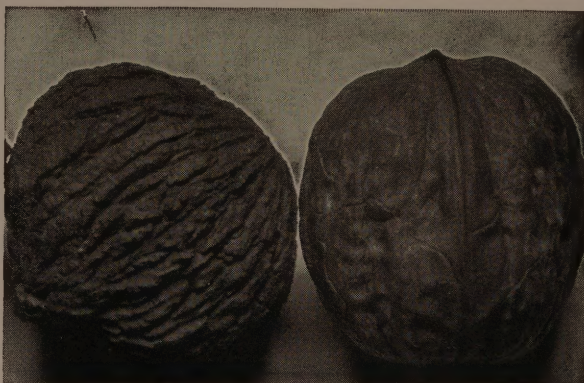
Fast growing to 30-35 feet. No spraying necessary. Good, flavorful nuts, easy to open. A boon for northern gardeners. Zone V. Glossy dark-green leaves.

3 to 4 feet \$4.75 each, 5 for \$20.00



Photo:
Hardy Pecan.

Photo right: Thomas Black Walnut and Hordy English Walnut.



European Filberts

Corylus avellina. 15 ft. Zone III. Good nuts, good dwarf trees.

*12 in. S.....10 for \$6.00, 100 \$45.00
4 to 5 ft.....\$4.50 each, 5 for \$15.00

—Barcelona, Duchilly (good kinds).

2 to 3 ft.....(1 ea.) 2 for \$5.50

Hazelnut

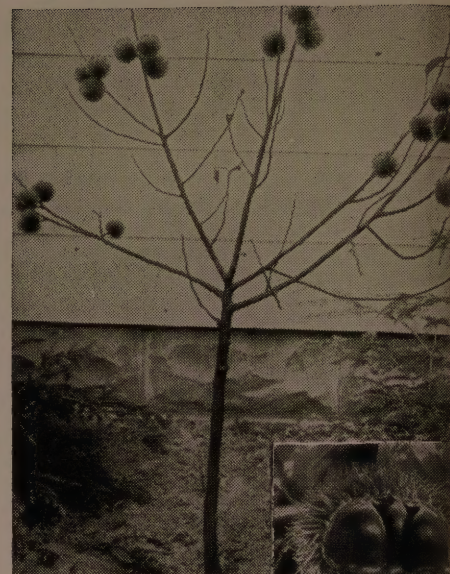
Corylus Americana. 10 ft. shrub. Zone IV. Tasty nuts.

*12 in. S.....25 \$8.00, 100 \$25.00
3-4 ft.\$4.50 each, 5 \$20.00

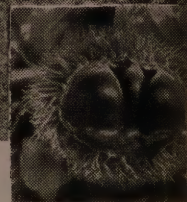
Hardy Pecan

Carya pecan. 50 ft. Zone V. Selected hardy strain. Good nuts.

*12 in. S.....2 for \$3.00, 10 \$12.00
4 to 5 ft.....\$4.50 ea., 2 \$8.00



Chestnuts bear young—3½ foot tree, 50 nuts.



CHINESE CHESTNUT

(*Castanea mollissima*.)

Similar to the American in flavor (sweet) but inured to the Chestnut blight. Zone V. Bears very young. Needs cross pollinizing. We will not sell less than 3 trees when so marked:

12 in. S..25 for \$20.00, 100 \$65.00

3 feet X3 for \$7.50, 10 \$20.00

4-5 feet X.....2 for \$9.50, 5 \$15.00

6-7 feet (Bearing age) 2 for \$12.95

Hall's Almond

New Hardy strain. Zone V. Small tree; nuts not paper-shell, but fine flavor. Attractive in spring in bloom.

2 to 3 feet2 for \$4.90

4 to 5 feet\$3.75 each

Unusual Fruits

Interesting, flavorsome, every amateur should try some at least. See also Page 51.

Beach Plum

Prunus maritima 6 to 8 ft. Zone III. Thrives in gardens better than on seashore. Good drainage. Useful for jam and jelly. Unique taste.

12-18 in. \$1.75 each

3 \$4.50

Medlar

Mespilus germanica. Zone V. Small tree, pear-like fruit, unique, soft, acid flavor. Ripens after picking. A favorite of medieval days, still liked.

2 yr. grafts 3 to 4 ft.,

\$5.00, 3 for \$13.50

Native Persimmon

Diospyros virginiana makes a 20 foot tree, moist soil. Zone IV. Fruit late fall, like figs. An interesting and "different" flavor and the tree is almost fool-proof to grow.

4 to 5 ft.2 for \$8.50

HOWARD MIRACLE PLUM

(Pat. No. 721). Handsome tree, 20 ft. Zone III. But outstanding fruit, juicy, thin-skinned. Flavor something new, semi-tropical, truly delicious. Between a peach and a plum. Exciting.

3-4 ft.\$3.45 each, 2 \$6.45



Interlaken

Hybrid Grapes

No permanent canes needed; only a short trunk or shank. Grapes grow on new wood, which is pruned away each year. Zone V.

Grape Culture calls for plenty of humus in the soil. Old manure is far the best form, to produce vigorous spring growth. Extra moisture is needed as fruits fatten in summer. Otherwise grapes may be small, dry.

The European Grape (*Vitis vinifera*) is far superior to our native grapes. However, it has not the stamina to withstand sub-zero weather and succumbs to disease, while our hardy native grapes remain immune. These hybrids combine American health with European flavors.



THE 4 BEST NEW HYBRIDS

\$2.00 each, any 3 for \$4.70 Postpaid

CACO

A fine red grape, good quality, almost as prolific as Concord. Zone V. Ripens Oct. 1st. Very popular.

INTERLAKEN SEEDLESS

New hybrid seedless hardy in Zone IV. Very sweet, meaty and crisp. Amber color, tangy flavor. Ripens early (Sept. 1st).

SEIBEL No. 9110

Yellow table grape of unusually fine dessert quality. Bears young. A really fine hybrid, probably the most popular.

SEIBEL No. 1000

Fine blue table grape. Zone IV. This and the above yellow make a fine pair for home use.

TRY THIS NEW MUSCADINE

Dearing is a fine new variety. Vigorous. Self-fertile. Amber-color, high quality. The best Muscadine, can be used safely in Zone VI or south. This variety acts as pollinator for all other Muscadine grapes, also.

\$2.50 each, 5 for \$20.00

** But it is still Concord for the Best jelly and jams.*

CONCORD—The heaviest producer of blue black grapes known. Late Sept.
\$1.25 each, 5 for \$3.50 postpaid

HERBS

PRICES

POSTPAID

Most herbs are easy to grow in average soil, well drained and in full sun.

Stepping - Stone Herbs:

Four kinds suited to growing between flags; spice the air, yet do not suffer from tramping: White Creeping Thyme, Crimson Thyme, Woolly Thyme, Lemon Thyme.

3 each (12 plants)
\$8.25 (ppd.)

10 each (40 plants)
\$20.00 (ppd.)

Peppermint—spreads. 3 for \$2.25

Sage (*salvia officinalis*). 2 ft. Sun, gray leaf, purple flower.
3 for \$2.25 (10 for \$5.00)

Lavender (*Lavandula veris*). 18 in. Fragrant leaf and flower. Gather flower spikes when buds open.3 for \$2.50 (10 \$6.00)

Rosemary (*Rosmarinus officinalis*). Must winter indoors except in south. Narrow spicy leaf, delicious3 for \$2.75 (10 \$6.00)

Tarragon (*Artemisia dracuncul*). 2 ft. Narrow, glossy leaf, aromatic3 for \$2.25 (10 \$5.50)

Kitchen Herb Collection: 3 each of six kinds: Chives, Peppermint, Rosemary, Tarragon, Sage, and Thyme, 18 plants in all, for \$13.90 postpaid.

Photo: Herb garden. Lavender at right Thyme-planted path.

PERENNIALS

PAGES 56 TO 61

On these six pages is packed more information and variety than in many a large perennial catalog. Strong, sturdy field-grown clumps are offered, except for kinds that do best in pots. Perennials are not shipped until late April and May as a rule, but **ORDER NOW**. We'll ship at the right time. Add 50c handling on perennial orders under \$5.00, otherwise all prices postpaid East of the Rockies.



Photo: Sunny Perennial Border—Ten showy yet labor-saving, insect-free plants for such a position are: Bearded Iris, Peonies, Thymus serpyllum, Asters in variety, Baptisia, Phlox, Physostegia, Teucrium, Coreopsis and Veronica.

PERENNIALS last for years in the ground. One plant in New England has been recorded at four generations.

HARDINESS is sufficient to grow most kinds up to Zone IV. Extra hardy sorts include: Aquilegia, Campanulas, Dianthus, Delphinium, Hemerocallis, Iris, Lilium, Peony, Phlox.



Dianthus White

Hardy "Carnations"

Dianthus that look and smell like florists' carnations. Hardy. Blooms all summer. Either kind:—

Avalon Cherry—Red.

Avalon White—White.
3 for \$3.00, 10 for \$6.00.

Baby's Breath (Gypsophila)

Bristol Fairy. Very dainty, many little blooms. 3 for \$6.00.

Rosy Veil. An early, compact dwarf Baby's Breath. Pink and white. 3 for \$3.65 (10, \$7.50).

True Bleeding Heart

Dicentra spectabilis. Old favorite. Showy pink all summer. Space 19 inches, shade. Plant early in spring or wait till fall. 3 for \$5.20 (10 for \$9.95).

Christmas Rose

Handsome, but much over-rated in current popular advertising. But a fine small plant.

Helleborus Niger. Tiny evergreen, with white blooms. December to March. 3 for \$6.50, 10 for \$15.00.



Christmas Rose

2 Outstanding Asters

Aster Frikarti. The finest garden plant introduced in the last 20 years. Mass of flowers—June to November. Sun or light shade. Ht. 30 in., space 15 in. Lavender blue. 3 for \$3.65. 10 for \$7.50.

Aster Star of Wartburg. A mass of blue and gold in spring. A fine form of Aster alpinus. Showy and unusual. 3 for \$2.75 postpaid. 10 for \$5.50.



Photo: Aster Frikarti



ROOT CLUMPS. Most perennials come as sketched above. Work the loose earth well in among the roots; spread roots gently to allow this. Water well to settle. If growth has started, shade from direct sun first few days.

Loosestrife (Lythrum)

Morden's Pink. Profuse spikes of rose-pink. June to Sept. Very tolerant. Height 2 ft., space 15 in. 3 for \$3.20. (10 for \$6.25).

Funkia (Plantain-Lily)

Subcordata grandiflora. The well-known white August Lily. 3 for \$6.00, 10 for \$12.50.

Astilbe Bonn

The name means "lighthouse" and the rosy-carmine spikes brighten any garden. May-June. 12 inch dwarf. Space 12 inches. Rich, humus, sun or semi-shade. 3 for \$4.00 (10 for \$10.00).

—**Gladstone Astilbe**—Pure White. Full and feathery. (Same price as Bonn.)

Anemone

Pulsatilla—Spring show, large blue cups, yellow center. Hardy, easy. 3 for \$2.50, 10 \$5.50 postpaid.

Japonica Alba—Glory of autumn. White show. Protect with straw.

—**Queen Charlotte.** Double pink. 3 for \$3.75 postpaid, 10 \$7.50.



Showy New Spiderworts

Dozens of large blooms daily June to August. Very tolerant. 18 in. high. Any one kind 3 for \$2.75.

—**Avalon**, white.

—**Purple Dome**, purple.

—**J. C. Weguelin**, clear blue.

—**Pauline**, delightful mauve.

Viola Odorata

Fragrant bloom all spring. Hardy, easily grown. Any one kind. 3 for \$2.50, 10 for \$5.25.

Royal Robe—large, blue.

LILIES

Drained
Soil.

The following lilies are easily grown. Spring planting. Have a good garden soil, strong in compost or peat moss, ready for them.

Regal—5 ft. July. Sunny. Pink, white, yellow blend, fragrant. 3 for \$2.50 postpaid.

Canadense—2 ft. June. Orange. Prefers sunny, damp site. 5 for \$2.20 postpaid.

Philadelphicum—2 ft. July. Orange-cup Lily. Showy. 5 for \$2.20 postpaid.

Superbum—5 ft. July. Turksap Lily. White, spotted red. 5 for \$2.20 postpaid.

Lily of the Valley

Convallaria majalis. These are rooted clumps, ready to bloom, not mere "pips." Fragrant, white sprays in May. Rich soil, in shade. 10 for \$5.00 (100, \$35.00).

Day-Lilies

(*Hemerocallis*) All gay, clean colors. Here are the best in each color and season. Sun or shade; disease-free. Each kind blooms about 4 weeks. These are sensationally handsomer than old-fashioned day lilies: larger, brighter, showier.



	EARLY (May-June)	MID-SEASON (July)	LATE (August)
3 Creams \$3.50	Devon Cream— Creamy yellow. Grand\$1.75	Patricia — Creamy yellow, green throat. Fragrant\$1.10	High Boy — Tall and very pale \$.80
3 Yellow \$2.15	Middendorffi. Rich yellow. Good\$.75	Hyperion — Finest canary. 4 ft. ..\$.80	Mrs. W. H. Wyman —Fine lemon \$.80
3 Orange \$3.50	Mikado — Golden orange. Fine\$.95	Rajah—Orange and red. Striking....\$1.10	Harvest Moon— Rich orange\$.95
3 Pinks \$4.20	Baby Tears — Rose, ruffled, cream splashed\$.95	Pink Charm — Soft Ochre-red pink. 4 ft. tall\$1.45	Rosalind — (Fulva rosea). Pinkest of all kinds\$1.45
3 Reds \$3.25	Theron — Wine- red. Graceful twist- ed petals\$1.10	Tejas — Intense fiery red, yellow throat\$1.10	Gay Troubadour — Red and cream bi- color. Unusual \$1.35
3 Purple \$3.25	Purple Waters— Wine - purple. Very vigorous\$1.35	Port — Port wine on well branched stems. 30-inch \$.80	Autumn Minaret — Bronze-red\$1.35

MODERN BEARDED IRIS

are exciting, bright, clean colors . . . are huge, with several flowers to a stem. They are nothing at all like old-fashioned German Iris of even twelve or fifteen years ago.

Blue Shimmer—Creamy white, edged and dappled blue. \$.70
Great Lakes—Pure blue. \$.70
Lady Mohr—Oyster white and chartreuse. Impressive. \$.80
Chivalry—Finest blue. \$.95
Blue Rhythm—Huge blue. \$.75
Desert Song—Cream. \$.95
Dream Castle—Orchid pink \$.95
Helen Magregor—Clear, pale blue. Large, ruffled. \$.95
Ola Kala—Deep yellow. \$.75
Snow Flurry—Blue-white. \$.95
Lady Boscawen—New ruffled white, light yellow beard. \$.80
Minnie Colquitt—Massive white plicata, ruffled flower. \$.80
Elmohr—Tall purple. \$.85
Wabash—White, violet \$.70
Solid Mahogany—dark red. \$.65
New Snow—Ruffled white, very pure. Bright yellow beard. \$.95
Pink Cameo—New flamingo pink (no violet). \$.85
Ranger—Almost crimson. \$.95
Rocket—Pure deep gold. \$.95
Sable—Dark blue, tall. \$.90
Vatican Purple—Silky, bright blue-purple, heavy texture. \$.80



Garden of Tall Bearded Iris in June

4 Everblooming Iris

Early spring, occasional summer bloom and heavy fall show. Water and fertilize lightly between flowering periods.

Autumn Dawn—Pink

Frost Queen—White

Sangreal—tall yellow

October Blaze—red

3 of a kind for \$1.95

8 (2 each) for 6.25

JAPAN IRIS—Moist, part shade, fertilize. Huge flowers in July. Any one kind: 3 for \$3.20.

AZURE. Sky-blue. Double.

FLAMINGO. Lilac pink. Double.

ELEANOR PERRY. Claret, blue and white. Extra large, double.

Tree-Peonies

\$6.75 ea. Postpaid

Bloom Earlier; of immense size. These plants are in 5-inch pots, can be moved any time.

Souv. de Ducher—Violet, double.

Argosy—Yellow.

La Lorraine—Yellow, salmon.

Flora—White.

Flambeau—Dbl. Salmon-red.



Hardy PHLOX

In the heat of summer few other plants give so satisfactory a show with little work.

Decussata (Summer Phlox)

July to October. Space 10 inches, sun, drained, fertilized. **Never** water foliage. Any one fine new kind: 3 for \$2.95, 10 for \$5.90.

Daily Sketch—Very large salmon-pink florets with crimson eye.

Leo Schlagter—Orange scarlet florets in very large trusses, very popular.

Lillian—Beautiful pure pink without magenta. Good panicles of large florets. Healthy growth.

Spitfire—Scarlet-orange tone. New, a fine summer show.

Dresden China—Soft pink.

Purple Heart—Blue and purple. A lively shade. Large truss.

Subulata (Moss Pink)

A low spreading mat for full sun in drained soil. Bloom April and May. Any one kind—

3 for \$2.95, 10 for \$5.65

Crimson King—showy red.

Alba—pure white.

Blue Emerald Cushion—light blue.



WILD-FLOWERS

Success with wild flowers is simply putting them in the soil and exposure to which they are accustomed. Codding is apt to do more harm than good. Some are popular garden-citizens.

Columbine

Aquilegia canadensis — 2 ft. Red and yellow in late spring. Well-drained, sun or part shade. 5 for \$2.20 postpaid.

Butterflyweed

Asclepias tuberosa — 18 inch. Orange in June-July. Sunny, well-drained. 3 for \$2.45 (10 \$4.95), postpaid.

Poppy Mallow

Callirhoe involucrata — Prostrate trailing plant. Large rosy crimson flowers all summer. Dry, sunny. 3 for \$2.45, (10 \$4.95) postpaid.

Pipsissewa

Chimaphylla umbellata—4 inch. Evergreen leaf. Leaf mold in shade. 5 for \$2.20 postpaid.

White Bugbane

Cimifuga racemosa — 4 ft. Spikes of white, July-August. Shade. 5 for \$4.00 ppd.

Virginia Spring Beauty

Claytonia virginica — Grass-like leaves, white in May. Moist shade. 5 for \$1.95; \$15 per 100.

Bunchberry

Cornus canadensis—6 inch. Any woodsy soil. Showy, early fall berries. 5 for \$2.95 postpaid.

Plumy Bleeding-heart

Dicentra eximia — 12 inch. Rose pink throughout summer. Handsome cut foliage. Sun or shade. 3 for \$3.20, (10 for \$6.75) postpaid.

Shooting Star

Dodecatheon media — 12 inch. Pink, April to May. Rosettes of large green leaves. Light moist soil, some shade. 5 for \$2.95 postpaid.

Blind Gentian

Gentiana Andrewsii — 12 inch. Bright blue, large flowers in clusters, August-September, that never open. Handsome, rare, moist. 5 for \$2.95 ppd.

Liverleaf Hepatica

Hepatica triloba — 6 inch. Flowers vary from pink to blue-white, early spring. Acid, shade. 5 for \$2.95 ppd.

Wild Iris

Iris cristata (crested)—8 inch blue, creeping. 5 for \$2.95 postpaid.

Iris versicolor (Blueflag)—2 ft. blue. Marshes or damp soil. 5 for \$2.95 (100 for \$30.00) postpaid.

Iris verna—6 inch ground cover in shade. Dark blue. 5 for \$2.35 (100 for \$25.00) postpaid.

Trillium, Jack-in-the-Pulpit, etc., can be shipped only in Autumn.

Blazing Star

Liatris pycnostachya — 5 ft. Tall spikes of rich purple in August - September. Unusual and attractive. Well-drained soil. 3 for \$2.45, (10 \$4.95) postpaid.

Cardinal Flower

Lobelia cardinalis—4 ft. Tall spikes of most brilliant scarlet in August. Rich, moist soil. 5 for \$2.95 postpaid.

Evening Primrose

Oenothera missouriensis — Dwarf, covered with yellow blooms all summer. 3 for \$2.80, (10 \$5.95) postpaid.

Great Solomons Seal

Polygonatum commutatum — 30 inches. White flowers in May. Handsome leaf. Peat, light shade 5 for \$2.95 ppd.

Native Phlox

Phlox divaricata — Masses of lavender blue, April to June. 10 inch. 3 for \$2.95. (10 for \$6.40) postpaid.

Carolina Lupine

Thermopsis caroliniana — 3 feet. Spikes of yellow pea-flowers in June-July. 3 for \$2.45, (10 \$5.00) postpaid.

FERNS—See page 48

Mayflower Arbutus } See
Oconee Bells (Shortia) } page 49

HARDY NATIVE ORCHIDS

Lady Slippers

Orchids, hardy outdoors in moist, peaty shade. Bloom in May. 5 of one kind \$3.20, 25 for \$12.50 postpaid.

Cypripedium pubescens — Yellow Lady Slipper. Bright color.

Cypripedium spectabile — Showy Lady Slipper. Rosey pink, white sepals.

Cypripedium acaule — Pink Lady Slipper.

Showy Orchid

Orchis spectabilis—12 in. June, violet-magenta. Rich woods in shade. 5 for \$4.50 postpaid.



40 POPULAR PERENNIALS

3 for \$2.45 (10 of any one kind \$4.95 ppd.)

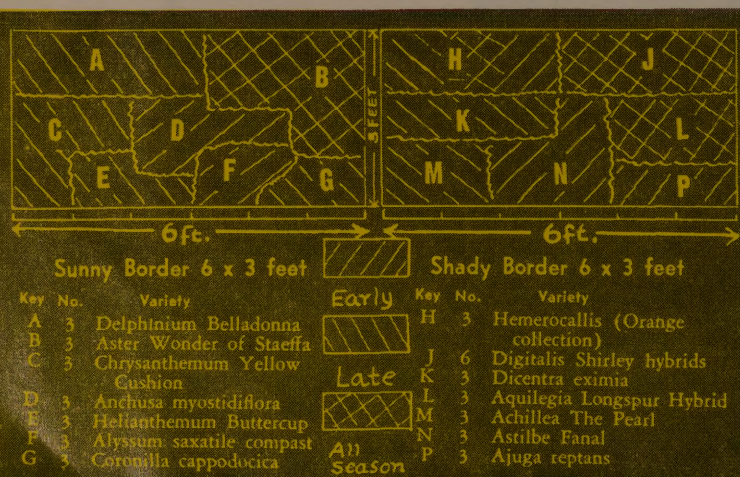
(Space) (Ht.) (bloom)

AJUGA reptans (Bugle), low mat blue....	9"	5"	May-Jun
ALLIUM Tanguticum , blue.....	10"	15"	Jul-Aug
ALYSSUM saxatile compactum , golden yellow, rich	9"	12"	Apr-May
—citrinum , pale yellow	9"	12"	Apr-May
AMSONIA montana , blue	12"	24"	May
AQUILEGIA (Columbine) —chrysantha , yellow	10"	24"	May-Jun
—Long-Spur Hybrids , mixed	10"	30"	May-Jun
ARENARIA verna caespitosa , white.....	8"	6"	Apr.
BAPTISIA australis , mixed colors	12"	24"	June
BOLTONIA latisquana , white	18"	50"	Sep.
CENTAUREA montana (Cornflower), blue	12"	24"	Jun-Sep.
—macrocephala , yellow	18"	48"	Jul
—stenolepis , rosy mauve	15"	24"	July
CERASTIUM tomentosum (Snow-in- Summer) Woolly gray leaf, white.....	12"	6"	Jun
COREOPSIS Saxicola , gold, Aug.	12"	18"	Aug
DIANTHUS—plumarius (Pinks), mixed....	12"	15"	May-Jun
ECHINOPS ritro (Glove Thistle), blue....	24"	24"	July
GAILLARDIA Burgundy (Red)	12"	18"	Jun-Oct
—goblin , yellow, red center	12"	18"	Jun-Oct
HELIANTHUS orgyalis , yellow	12"	48"	Oct
HELIOPSIS Zinnæflora , yellow	30"	30"	Jul-Sep

(Space) (Ht.) (bloom)

LIATRIS elegans , white spikes	12"	48"	Aug
—Bycrostachya , rose-purple	12"	48"	Aug-Sep
LYSIMACHEA vulgaris , wet soil, yellow	18"	36"	Jul-Aug
—nummularia , yellow	9"	12"	Jun-Aug
MALVA alcea , pink to white	24"	24"	Jul-Aug
PENSTEMON (Barbatus) , pink	12"	40"	Jul-Aug
—confertus , yellow	12"	24"	July
—ovatus , rosy lavender	12"	40"	July
PYRETHRUM ros. (Painted Daisy) , mixed	15"	24"	May-Aug
POTENTILLA grandiflora , yellow	10"	12"	July
—Warrensi , golden clusters	12"	18"	July
SALVIA Pitcheri (Sage) , clear blue.....	24"	36"	Aug-Sep
—Pratensis , deep blue	18"	24"	July
SEDUM—Brilliant , large, red	8"	12"	Aug-Sep
—Reflexum , yellow. Evergreen	6"	6"	July
SILENE maritima , white	12"	12"	July
—Fortunei , rose	12"	36"	Sep
STATICE officianalis , purple shade.....	9"	15"	Jun
STOKESIA laevis , insect free, blue.....	12"	18"	Jun-Nov
TEUCRIUM chamaedrys , rosy, ever- green leaf	12"	18"	July
THALICTRUM aquifolium (Meadowrue) white.....	12"	24"	Jun-Jul
VALERIANA coccinea , rose	9"	12"	Jun-Jul
—alba , white variety	9"	12"	Jun-Jul

PLANNING A PERENNIAL BED



The first step is to run through lists; jot down kinds that grow on your location. Group names by bloom—late, early and all-season.

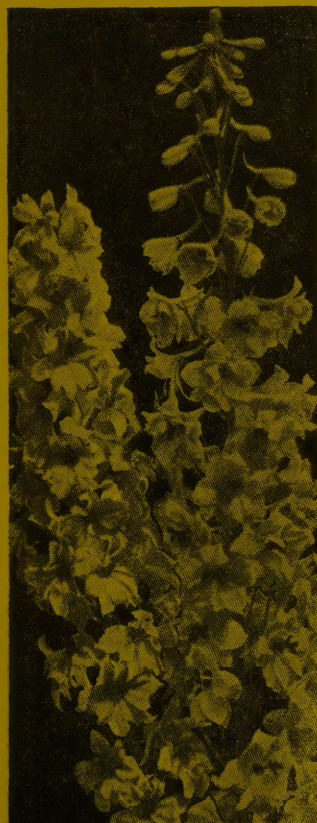
Begin with the favorite flowers: in the sunny border at left, Delphinium: Tall, late; space 12 inches. On paper draw three square feet (any shape) and write 3 Delphinium. (Fewer make no show.) Now the late garden is established as blue. A companion plant is all-season Aster Frikarti. Heighten the early blue with Anchusa. Yellow is a fine complementary. Chrysanthemums and other yellow plants in front. For each the planting distance is carefully drawn. Change until it suits available space. The shade border: Here the favorite plant is Aquilegia (Columbine) and the whole garden matches, with the blazing Astilbe for early flash. Later, on the left is a white, with a rose behind it and orange beyond.

ANY ONE KIND ON THIS PAGE PRICED:
3 for \$3.25 (10 of any one kind \$6.25 ppd.)

40 CHOICE PERENNIALS

	(Space)	(Ht.)	(bloom)
ACHILLEA Angels Breath , white	12"	18"	Jun-Aug
— tomentosa (Woolly Yarrow), yellow..	12"	18"	Jun-Sep
— Rose Beauty , carmine	12"	18"	Jun-Aug
ACONITUM Wilsoni , lavender (shade)....	15"	48"	June
AETHIONEMA Warley Rose (Blue foliage)	8"	4"	Apr
ANEMONE — pulsatilla (Pasque flower), purple	9"	12"	Apr
ARMERIA (Thrift) — Giant Hybrids , rosy and red.....	12"	15"	June
CAMPANULA gargancia , blue, trails	9"	4"	Jun-Sep
— carpatica , blue	9"	60"	Jun-Sep
CLEMATIS integrifolia , blue	15"	24"	Jun-Oct
— Stans , huge, white to blue	18"	50"	Jul-Sep
DELPHINIUM belladonna , azure blue....	18"	36"	Jun-Sep
— Pacific Hybrids , mixed colors	18"	36"	Jun-Sep
DICTAMNUS (Gas-plant) rose, white	15"	36"	May
DORONICUM caucasicum , yellow	9"	24"	May-Jun
FILIPENDULA hexapetala , dbl, white....	18"	12"	Jun-Jul
— rubra venusta pure pink.....	15"	60"	July
GERANIUM Maculatum , lavender.....	15"	25"	Jun-Oct
GEUM — Mrs. Bradshaw , dbl. red	12"	18"	June
— Lady Strathedon , yellow	12"	18"	June

	(Space)	(Ht.)	(bloom)
HIBISCUS (Giant Mallow) , mixed	36"	60"	Jul-Sep
IBERIS sempervirens (Candytuft), white	6"	6"	May
INCARVILLEA (Hardy gloxinea) — brevipes , bright crimson	12"	18"	Jun-Aug
NEPETA mussini (Groundivy), lavender	8"	12"	May-Sep
PHYSOSTEGIA, Virginia Vivid , pink	12"	15"	Jul-Aug
— alba , white form	12"	15"	Jul-Aug
PLATYCODON (Balloon Flower) — Japanese , dbl, deep blue	12"	12"	May-Oct
— mariesi alba , white	12"	12"	May-Oct
PLUMBAGO larpentae (Leadwort), blue	12"	6"	Sep-Oct
PRIMULA Colossae , mixed colors	12"	9"	Apr-May
RUDBECKIA purpurea (cone-flower)	12"	36"	Sep
SCABIOSA cencasica , blue	12"	18"	Jun-Sep
TRITOMA pfitzeri , J. E. Reeves, red....	12"	30"	Aug-Oct
— Primrose Beauty , nice yellow.....	10"	24"	Jul-Sep
TROLLIUS Ledebouri , gold	12"	36"	June
VERONICA incana (Speedwell), blue	6"	12"	Jul-Aug
holophylla , blue.....	12"	14"	Jul-Sep
— spicata , bright blue	6"	9"	Jul-Sep
— S. rosea , pink	6"	9"	Jul-Sep



Delphinium



Stokesia



SHADE PERENNIAL BORDER—Some showy yet labor-saving plants for such a position are:—Beardless Iris, Day-Lily, Lilies, Liatris, Lythrum, Mertensia, Tradescantia, Aquilegia, Digitalis, Lady-Slippers, Campanula carpatica and Astilbe Fanal.

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